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PROCEEDINGS

OF THE

ROYAL HORTICULTURAL SOCIETY.

VOLUME I.

FROM JUNE 1, 1859, TO DECEMBER 31, 1861.

B. 2.50

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PROCEEDINGS OF THE

HORTICULTURAL SOCIETY OF LONDON.

I.—ANNIVERSARY MEETING, MAY 2, 1859.

REPORT FROM THE COUNCIL.

THE address of the Council, issued on the 29th of January last,* (1859) has afforded the Fellows of the Society such full information concerning the measures which it has been found necessary to take during the year, that little now remains beyond giving some further explanation of the causes that have led to the course which has been taken, and producing the customary report upon the Society's financial position.

The Society has been annually informed of the difficulty of making the expenditure and income balance each other, owing to the heavy expenses of London and Chiswick, and the continual losses sustained by the Exhibitions.

The Fellows are also aware, that in the opinion of many zealous friends of horticulture, it was thought possible to make Chiswick once more a source of income instead of embarrassment, provided certain changes were made in the arrangements there. In pursuance of this idea, a voluntary subscription was opened for the purpose of giving the experiment a trial. A gardener, most strongly recommended as a man of great intelligence and experience was appointed, with a liberal salary, and the entire management of the establishment was entrusted to him. Considerable and costly alterations were made in the Garden, for the purpose of rendering it more productive, more useful, and more ornamental. The Exhibitions were continued, with the addition of a class of manufactured articles required for horticultural

* See p. 9.

purposes. Nurserymen, Gardeners, and Manufacturers readily contributed their productions; and, with their assistance, collections unsurpassed for beauty, utility, and interest were brought together. They, however, failed to attract visitors in sufficient number to save the Society's finances from renewed loss, the Exhibitions of 1857 having cost more than 800*l.* beyond the receipts, exclusive of a very considerable expenditure upon permanent alterations made in order to increase the convenience of visitors and the facilities of exhibitors. In like manner, the Exhibitions in the year 1858-9, have again cost the Society above 500*l.* beyond the receipts, the principal part of which loss is chargeable to the Garden.

Had this deficiency been assignable to any circumstances likely to be removed by time, or over which the Council could exercise control, they might have still endeavoured to struggle with the difficulties of their position, and to carry out the views of those who are favourable to the maintenance of the Garden in its integrity, in the hope that, if direct loss was sustained by the Garden Shows, an equivalent indirect advantage might be derived from the interest taken in the Garden by the public. But such was not the case; the returns of visitors showed that although the sum of 3074*l.* 18*s.*, which had been raised by voluntary subscription, and a considerable further sum taken from the income of the Society, had been expended in maintaining the Garden and rendering it more attractive, yet the number of persons visiting it, was not only continually decreasing, but had arrived at so low a point as to render its preservation in its previous state no longer advisable. The number of ordinary visitors, which in 1843 was 8799, and in 1854, 5140, has sunk in the past year to 2583, of which a large proportion consisted of residents in the immediate neighbourhood, passing the gates over and over again during the year. It was clear that the Garden could be no longer regarded as a place of resort sufficiently attractive to compensate for what is now considered inaccessibility, arising from the absence of useful railway conveyance; and the Council, therefore, arrived at the conclusion that the whole of the ornamental part must be abandoned. Measures have already been taken to reduce it to the condition of an establishment where experiments can be conducted, the true qualities of all new varieties of fruit-trees and esculent plants be ascertained, fruit-trees of ascertained merit be preserved, and plants propagated for distribution among the Fellows of the

Society. These measures are all in active operation; very large numbers of esculent vegetables are under trial, and will be reported on by the Fruit and Vegetable Committee of the Society, several parts of whose proceedings are already in the hands of the Fellows. And the Council take this opportunity of expressing the great obligation they are under to the gentlemen composing this Committee, for the able and zealous manner in which their interesting investigations have been conducted.

The losses sustained by the circumstances just adverted to, and by a continued deficiency of income, had at the last anniversary raised the debt of the Society from 9388*l.* 10*s.* 4*d.* in 1856, to 9986*l.* 18*s.* 11*d.*, and the Council felt that unless some final stop was put to this augmentation the financial position of the Society would become serious. They have, therefore, while maintaining the efficiency of the Society, and carrying out the objects for which it was incorporated to the utmost of their power, given directions on the one hand to cut down all heads of expenditure to the lowest possible point, and on the other to realise some part of the Society's property.

After the Garden, the great item of expense has been the House in Regent Street, which cost 233*l.* per annum for Ground Rent, Land Tax, and Rates alone, exclusive of the interest of money borrowed on its security, and the charges incident to so large a residence. They found, moreover, that there was urgent need of extensive repairs. It was therefore resolved once more to submit it to sale by public auction, and the Council have now to report that it has been disposed of for 2960*l.*, to which has to be added 50*l.* 5*s.* for fixtures, and 50*l.* 19*s.* 6*d.* for fittings and useless furniture; making in all 3061*l.* 4*s.* 6*d.*

In exchange for this expensive house, chambers at No. 8, ST. MARTIN'S PLACE, TRAFALGAR SQUARE, have been taken at a total rental of 80*l.* a year, including taxes; and on the present occasion we assemble in the house of the Society of Arts, by permission of the Council of that great institution.

The inevitable consequence of quitting the extensive premises in Regent Street and hiring a mere office for business, was the sale of the principal part of the large and valuable Library which had been forming during a period of forty years. The Council do not attempt to conceal their regret at this measure having become inevitable; but they had no alternative. They moreover considered that it would produce a further considerable sum, applicable to the extinction of debt, and that, after all, it was

more in the nature of a possession to be proud of than of a property of real utility to the Fellows, for, in the opinion of the officers of the Society, scarcely more than twenty Fellows ever consulted it during the year. The sale has been entrusted to Messrs. Sotheby and Co., and commences this day.

It is with no little satisfaction that the Council have to add that the [illegible] now described appear to have met with the general approbation of the Society, if an opinion is to be formed from the number of withdrawals that have been notified since the issue of the circular letter of January 29th.

The number of withdrawals between

January 1st and	April 1st,	1855,	was	8
"	"	1856	"	11
"	"	1857	"	8
"	"	1858	"	7
"	"	1859	"	12

While divesting the Garden of its ornamental character, and reducing it to one of mere utility, abandoning the Exhibitions there, and quitting the House in Regent Street, the Council trust essentially to improve the real utility of the Society. For meetings at the Garden, and at Regent Street, they have substituted Exhibitions in St. James's Hall; and by Ballots for Plants, and more extensive distributions than formerly both of Plants and Seeds, they expect that the Fellows will receive a more substantial return than hitherto for their subscriptions. As to the Ballots for Plants, which seem calculated to render the distributions more satisfactory than heretofore, and are evidently popular, nearly 400 names having been entered for that held on the 15th ult., the Council regard them as being quite experimental; they fully expect that experience will show how to render them very much more useful, and of that experience, as well as of any suggestions on the subject, they are prepared at once to take advantage.

In the Appendix to this Report will be found the usual accountant's details of Income and Expenditure, together with the annual Balance-sheet, and estimates for the coming year. A reference to these documents will show that while the ordinary Expenditure for 1858-9 has been about 120*l.* below its estimate, the ordinary income for the same period fell short of the estimate stated in the last annual report; still it was upwards of 400*l.* in excess of the previous year. And such will be the effect of the

retrenchments carried out by the Council, that they feel justified in at length anticipating in the coming year a surplus of more than 1300*l.* available for the reduction of debt or for meeting contingencies. In forming this estimate they have fixed the London expenditure at 500*l.* a-year, and that of the Garden at 1300*l.*, sums within which the expenses will, if possible, be confined.

The year now reported on has been so entirely transitional, that no considerable increase in the numbers of the Society could have been anticipated. It is found, however, that while the total number of Fellows of all classes at the last anniversary amounted to 978, the number on our list on the present occasion is 985, the number of elections having been 62, of resignations 30, and of deaths 25.

Small as this increase may be considered, the Council trust that it may be taken to indicate a determination on the part of the public to sustain this valuable association which, during more than half a century, has been conferring signal benefits upon the all-important art of cultivation; and they confidently rely upon a very considerable accession of strength as soon as the public shall have had an opportunity of seeing the effect of the measures now announced. For themselves they can only add, that it is their most anxious desire to consider fully all suggestions, and to adopt every measure within their means tending to infuse new activity into the administration of its affairs, and to increase its utility in every direction, with a view to maintain the Society in the proud position it has so long occupied among the useful institutions of Europe.

APPENDIX.—No. I.

HORTICULTURAL SOCIETY OF LONDON.

RECEIPTS, PAYMENTS, AND LIABILITIES, FROM THE 31ST OF MARCH, 1858, TO THE 31ST OF MARCH, 1859.

Dr.

RECEIPTS.	£	s.	d.	£	s.	d.
To Balance at the Bankers'	388	9	10			
do. with Assistant-Secretary	33	11	7	422	1	5
To compositions for life from Fellows	126	0	0			
To annual subscriptions, &c.	2322	12	0			
To rent of apartments let off	47	10	0			
To Garden produce sold	190	10	0			
To receipts from Fellows for Garden charges	19	9	0			
To miscellaneous receipts	3	13	1			
To Exhibitions at Garden and St. James's Hall	1094	6	6			
To Lectures by Professor Lindley	6	10	0	3810	10	7
To C. W. Dilke, Esq., given by, for prizes	13	0	0			
To Dr. Lindley, for ditto	5	0	0	18	0	0
To Sir W. P. Call & Co., for advances during the Year	1500	0	0			
To W. W. Saunders, Esq., ditto	100	0	0	1600	0	0
				5850	12	0

WILLIAM JONES, *Accountant*,
3, GUILDHALL CHAMBERS,
BASINGHALL STREET.

Cr.

PAYMENTS AND LIABILITIES.	£	s.	d.	PAYMENTS. £	s.	d.	LIABILITIES. £	s.	d.
By interest on loan notes, &c.				277	12	2	3	16	0
By rent, rates, and taxes, Regent Street and Chiswick				246	4	6	331	10	9
By repairs, furniture, &c.				1	5	0	1	18	3
By housekeeping expenses				24	19	6			
By salaries and wages, Regent Street				444	0	2	137	0	10
By ivory tickets for Fellows				1	19	8	0	2	0
By library charges				0	9	0	3	0	0
By printing, stationery, &c.				57	18	0	71	17	6
By expenses of meetings, &c. postage, Regent Street				9	15	2	14	6	6
By miscellaneous expenses, ditto				55	17	8	1	9	0
By Garden labour				1004	18	1			
By implements, mats, seeds, &c.				21	16	10	75	13	6
By tan, dung, &c.				76	1	11	2	12	0
By coals and coke for Garden				0	7	6	127	7	2
By miscellaneous expenses at ditto				62	13	6	29	3	10
By Garden repairs				65	6	11	11	13	4
By distribution expenses				29	8	10	7	7	6
By exhibition ditto				756	3	0	109	17	2
By lecture ditto				9	13	6	4	14	0
By cost of Quarterly Journal				..	..		5	13	0
				3146	10	11	939	2	4
By outstanding accounts, April 1, 1858	£2409	5	11	1089	18	5	1319	7	6
By medals acct., outstanding, ditto	277	13	0						
Prizes awarded since	770	1	0						
	1047	14	0	453	18	6	593	15	6
By Sir W. P. Call & Co., on account of loans				1000	0	0			
By Balance at Bankers'	£136	8	6						
do. in Assistant-Secretary's hands	23	15	8	160	4	2			
				5850	12	0	2852	5	4

APPENDIX.—No. II.

THE HORTICULTURAL SOCIETY'S BALANCE SHEET, MARCH 31st, 1859.

Dr. *Cr.*

LIABILITIES.	£	s.	d.
To Loan Notes	4900	0	0
To W. W. Saunders, Esq., cash advance . . .	100	0	0
To Sir W. P. Call & Co., on loan	2900	0	0
To liabilities for outstanding accounts due by the Society	2258	9	10
To medal ledger, for prizes awarded to sundries .	593	15	6
	10,752	5	4

ASSETS.	£	s.	d.	£	s.	d.
By Cash at Bankers	136	8	6			
By Ditto with Assistant Secretary . .	23	15	8			
				160	4	2
By Lease of the house sold for . .	2960	0	0			
By Fixtures and Fittings	101	4	6			
				3061	4	6
By Library, Regent Street, as valued				1000	0	0
By Subscriptions to May 1st, 1857 . .	141	7	0			
By Ditto May 1st, 1858 .	308	14	0			
By Ditto May 1st, 1859 . .	1386	0	0			
				1836	1	0
By Balance against the Horticultural Society, exclusive of the property at Chiswick, valued in the year 1857 at the sum of £14,674 11*s.* 6*d.* . .				4694	15	8
				10,752	5	4

WILLIAM JONES,
Accountant,
3, Guildhall Chambers,
Basinghall Street.

APPENDIX.—No. III.

A RETURN OF THE INCOME AND EXPENDITURE OF THE HORTICULTURAL SOCIETY, FOR THE YEAR 1858-9, AS COMPARED WITH THE YEARS 1856-7 AND 1857-8, EXCLUSIVE OF EXHIBITIONS.

INCOME.	1856-7.			1857-8.			1858-9.		
	£	s.	d.	£	s.	d.	£	s.	d.
Annual Subscriptions	1772	8	0	1883	14	0	2322	12	0
Rent of Apartments let off in Regent Street	92	15	0	45	0	0	47	10	0
Garden Produce sold	53	8	1	142	18	3	190	10	0
Receipts from Members for Garden charges	11	1	0	17	9	6	19	9	0
Miscellaneous Receipts	27	19	5	10	11	7	3	13	1
Lectures by Professor Lindley	—			18	6	6	6	10	0
Donations	—			33	10	0	18	0	0
Total	1957	11	6	2151	9	10	2608	4	1

EXPENDITURE.	1856-7.			1857-8.			1858-9.		
	£	s.	d.	£	s.	d.	£	s.	d.
Interest on loan notes, &c.	333	8	10	269	1	5	281	8	2
Rent, taxes, &c., Regent Street and Chiswick	569	8	2	575	1	7	577	15	3
Repairs, furniture, &c., Regent Street .	11	9	7	9	16	10	3	3	3
Housekeeping expenses ditto . . .	34	13	8	31	6	7	24	19	6
Salaries and wages, collector's poundage, &c.	835	0	11	808	5	8	581	1	0
Cost of Ivory Tickets	49	12	0	27	14	0	2	1	8
Library charges	3	2	0	4	12	10	3	9	0
Printing, stationery, &c.	88	11	2	122	16	2	129	15	6
Expenses of meetings	60	5	10	30	15	9	24	1	8
Miscellaneous expenses in London . . .	68	8	3	97	12	9	57	6	8
Ordinary Garden labour	942	6	2	1126	5	3	1004	18	1
Extra Garden labour	—			80	19	1			
Implements, mats, seeds, &c.	31	8	10	122	4	11	97	10	4
Manure, &c.	25	5	10	54	17	0	78	13	11
Coals and coke for Garden	127	14	8	94	14	2	127	14	8
Miscellaneous expenses at Garden . . .	104	1	11	106	3	3	91	17	4
Garden repairs	43	1	6	134	17	8	77	0	3
Distribution expenses	55	5	8	131	1	0	36	16	4
Lecture expenses	—			11	9	8	14	7	6
Total	3383	5	0	3839	15	7	3214	0	1

APPENDIX.—No. IV.

ESTIMATE OF ORDINARY INCOME AND ORDINARY EXPENDITURE FOR 1859-60.

Ordinary Income.	£	s.	d.
Balance at Audit of 1858-9	160	0	0
Arrear of Subscriptions	140	0	0
Subscriptions payable retrospectively	1390	0	0
Ditto ditto prospectively	1020	0	0
Ditto ditto consequent upon election of new Members, say .	90	0	0
Garden produce	200	0	0
Compositions	100	0	0
Sundries	62	0	0
	£3162	0	0

Ordinary Expenditure.	£	s.	d.			
Rent of Apartments, Salaries, and Sundries, London .	500	0	0			
Rent of Garden and Expenses there	1300	0	0			
				£1800	0	0
Estimated excess of Income over Expenditure				£1362	0	0

THE REV. L. VERNON HARCOURT *occupied the Chair.*

THE foregoing Report having been read and adopted, a conversation ensued, in the course of which it transpired that five members of the Council (the Rev. L. VERNON HARCOURT, the TREASURER, Mr. GODSON, Mr. BLANDY, and Mr. DILKE), in order to enable the Society to meet 2000*l*. worth of old promissory notes, had guaranteed their payment by instalments, thus relieving the Society from a serious temporary embarrassment. So liberal an act was regarded as deserving the warmest acknowledgments. Several Fellows expressed a wish that the Journal, or some equivalent, should be revived; and it was an understanding, that steps would be taken for the issue of a monthly sheet, to be sent by post to all the Fellows. Other matters were deferred to a future General Meeting.

The Chairman then announced that H. R. H. THE PRINCE CONSORT had been unanimously re-elected President; W. WILSON SAUNDERS, Esq., Treasurer; and Professor LINDLEY, Secretary; and that the Right Hon. the EARL OF DUCIE, Professor HENFREY, and Mr. CHARLES EDMONDS, had been elected new Members of Council, in the room of Sir J. RAMSDEN, Bart., Mr. R. GLENDINNING, and Mr. J. SPENCER, removed; and that JONATHAN CLARKE, Esq., and Mr. JAMES FRASER, had been elected Auditors.

Address to the Fellows from the Council of the Horticultural Society. Jan. 29, 1859.

(Referred to at page 1 of the preceding Report.)

THE Council of the Horticultural Society, finding that, notwithstanding the liberal manner in which a considerable Subscription was made by a number of the Fellows, and the expenditure out of the ordinary income of the Society of other large sums in maintaining and adorning the Garden at Chiswick, it remains almost unvisited even by the Fellows; and that the Public is evidently deterred by the distance from going so far, even on the days of Exhibition, have arrived at the conclusion

that they must discontinue the experiment of retaining a Show Garden at so great a distance from town. In the meanwhile, however, the Council have resolved to maintain Chiswick as an Experimental Garden until a situation more advantageous to the Society can be found.

Suggestions have been made on this subject which may be very beneficial to the Society, but are not yet ripe for adoption. In the mean time, as the change of position must necessarily be attended with considerable expense, it has been resolved to sell the house in Regent Street, which is much larger than the Society requires, now that it has the advantage of other large public rooms for its London Shows. The Council have long found themselves cramped for room on the occasion of their Town Exhibitions, although the Society pays what may be termed an enormous rental for the house. The Council, therefore, propose to engage, at a small cost, a suitable office in the neighbourhood for the transaction of the daily business of the Society, hiring a public meeting room only when it is wanted. The sale of the house in Regent Street will deprive the Council of space for the whole of their Library, and the large collection of Original Drawings connected with it. A Sale will therefore take place of such works as experience shows that the Fellows of the Society seldom or never consult.

Notwithstanding the difficulties which this state of transition must inevitably produce, the Council entreat the Fellows to rely upon their unceasing exertions to promote the interests of the Society by giving every encouragement to useful and ornamental Gardening, and exhibiting to the public from time to time whatever is most new and interesting in Horticulture. For this purpose, they propose to have recourse to three such beautiful Exhibitions as those which gave so much satisfaction last year at St. James's Hall; and the usual distribution of Seeds will be made to those who ask for them in the spring. In addition to this, it has been determined that Ballots for plants of interest shall again take place as in the year just past. Three of these Ballots will be held,—two during the spring, one in the autumn,—and arrangements will be made to admit the new Two-guinea Members for the first time to a share in them.

By Order of the Council,

W. B. BOOTH, *Assistant Secretary.*

II.—REPORTS OF THE FRUIT COMMITTEE.

[The investigations of this Committee having been commenced at so recent a date, it has been thought desirable to reproduce them in the present condensed form, from their commencement.]

July 5, 1858. (21, *Regent Street*).—Mr. Rivers, F.H.S., *in the Chair*.

STRAWBERRIES.—From Mr. Bradley, gardener to W. F. N. Norton, Esq., Elton, near Nottingham: a Seedling, named **Oscar**, accompanied by the following statement:—"The plant is strong and healthy, and bears better than the British Queen in our soil, which is very strong. The fruit will attain a larger size than those sent, the best having been gathered about a week ago. The fruit appears ripe several days before it actually is so. I cannot exactly state its parentage, as I gathered seed of British Queen, Keens' Seedling, and Alice Maud, and saved all together." Fruit large, ovate, frequently flattened on the sides or cock's-comb shaped, shining dark red; flesh firm, dark red; flavour superior, remarkably sweet, with a brisk aroma. It was considered a valuable variety, worthy of cultivation.—Other Seedling Strawberries were exhibited by Mr. Myatt, Mr. Ingram, F.H.S., and Mr. Cuthill; but they were not found sufficiently distinct, or superior to many of the kinds already in cultivation.

PEACH.—From Mr. Carmichael, gardener to the Countess of Dunmore, Dunmore Park, near Stirling: the **Stirling Castle**. The tree, which is stated to have been raised from a stone from America, and is on its own root, is a great bearer, and this year bore so heavy a load that it was very freely supplied with manure water; probably this had contributed to the deterioration of the flavour of the fruit, remarked by the Committee. The fruit was large and handsome, round, well-coloured, resembling the Bellegarde; flesh parting from the stone; quality second-rate. The Committee thought it deserved further trial.

Aug. 2, 1858. (*Chiswick.*)—Mr. Rivers, F.H.S., *in the Chair.*

GRAPE.—From Mr. Ingram, F.H.S., gardener to Her Majesty, at Frogmore: a Seedling, the parentage of which was as follows:—A black Seedling, between a white Grape from Constantinople and the Black Hamburgh, was again crossed with Muscat of Alexandria; from this second cross the Seedling which produced the bunch exhibited was raised in 1857. A plant in a pot had this year produced seven bunches. The berries were oval, black, resembling the West's St. Peter's. The fruit was scarcely ripe, but the variety may prove worthy of cultivation. The crossing had failed to impart the Muscat flavour.

PEACH.—From Mr. Rivers, F.H.S.: a Seedling, raised from the Early York. Fruit small, roundish, tinged with red next the sun; flesh parting from the stone, juicy and melting, with a rich vinous flavour. It was produced in a pot in an orchard house, and was stated to ripen about ten days before the Early Anne, specimens of which, not yet ripe, were brought for comparison. The tree has serrated glandless leaves. The Committee, appreciating the desirable property of earliness, recommended further trial.—The Committee reported favourably of the **Acton Scott,** on account of its earliness; this variety on the Peach wall being finely coloured, and nearly ripe. They also expressed a favourable opinion of some *grafted* Peach and Nectarine trees in pots, presented to the Society by Mr. Rivers, which had proved highly successful, the trees bearing handsome, fair-sized fruit in the *second* year after grafting.

NECTARINE.—From Mr. John Page, gardener to H. Dixon, Esq., Birches Green, Birmingham: the **Oldenburgh.** Fruit about the size of the well-known Elruge, slightly coloured; flesh parting from the stone, about which it is pale, much resembling the Elruge in this respect. The Committee, not knowing the circumstances under which it was grown, gave no decided opinion as to its merits.

FINOCHIO, or Dwarf Italian Fennel.—From Ludovico Samovini (at M. Costa's, Esq., 59, Eccleston Sq., Pimlico). This is a sort of dwarf Fennel, much cultivated in Italy. It has a tap root, from the top of which the sheathing bases of the petioles overlap each other, so as to form a knob which is blanched like Celery by earthing-up: the transverse section of this part is an oval, about 3 inches long and $1\frac{1}{2}$ across. It is eaten cooked in various ways, and as salad. The Committee, having tasted the

specimens, which were found to have a subdued aromatic flavour, were of opinion that Finochio might be more cultivated as a salad plant than it has hitherto been in this country.

Sept. 6, 1858. (*Chiswick.*)—Mr. H. BAILEY, C.M.H.S., *in the Chair.*

GRAPES.—From Mr. RIVERS, F.H.S.: an early variety, called the **Chasselas Vibert,** "raised by M. VIBERT, of Angers; a variety of the Sweetwater, with leaves more deeply cut. It ripens freely on walls, and in the cold vinery, whence the fruit exhibited was gathered, from a young vine. Under high culture, it gives very large bunches." Bunch long; berries large, like those of the Sweetwater, round, yellowish-white, transparent; scarcely sufficiently ripe for judging of their quality; leaves rather deeply cut, robust, opaque, rough above and beneath, with bristly pubescence, by which character it may be easily distinguished from the Sweetwater, the leaves of which are glabrous and shining.—Mr. RIVERS also sent three bunches of the **Prolific Sweetwater Grape,** to show the effects of ringing, the one being from a ringed shoot, the other two from shoots not ringed. No decided difference could be detected in the bunches from the ringed and the unringed shoots; and Mr. RIVERS stated that he had arrived at the same conclusion as regards the effects of ringing in the case of vines generally; but with regard to the Muscat of Alexandria, he had observed that the berries from ringed shoots were the largest.—From M. DE JONGHE, a Grape, supposed to be the **Morillon d'Espagne.** Bunch middle-size, shouldered; berries moderately close, nearly the size of those of the Royal Muscadine; skin black and thin; pulp aqueous, sweet, and rich; seeds one in each berry, and sometimes none.

NECTARINE.—From Mr. RIVERS: a Seedling, "raised from a late melting Nectarine (a variety of the old Peterborough), which gives very large fruit, not high in flavour; ripening in October. This seedling had ripened in the orchard house, in a warm situation, ten or twelve days after the Violette Hâtive and Elruge, so that it may prove valuable as a successional variety. The tree, like its parent, has small flowers and globose glands." Fruit, large, roundish, about eight inches in circumference; cavity at the foot-stalk small; skin pale, except next the sun, where it is marbled with bright crimson; flesh parting from the stone, moderately juicy, but possessing a slight astringency. The

Committee thought it desirable to see fruit from the open wall.—From Mr. VEITCH:—**Syrian Sweet-kernelled Nectarine.** Fruit about the size of the Elruge, rather paler; flesh melting, parting readily from the stone, exceedingly sweet and luscious. It was considered too sweet, without being rich; but was recommended for further trial.

APRICOTS.—M. DE JONGHE, of Brussels, sent four Seedlings, which having arrived on the 21st of August, were reported on by the Secretary as follows:—Nos. 09 and 010 were the best. No. 09: fruit small, resembling the Breda from a standard, deep orange; flesh very deep orange, juicy and rich, parting freely from the stone; kernel bitter, in which respect it differs essentially from the Breda, which has a sweet kernel. This, as it possesses good quality, and may prove hardy, deserves trial. No. 010: fruit middle-sized, oval, a little flattened; skin dull brownish orange; flesh orange, parting from the stone, rich and sweet; stone large, very much resembling that of the Moorpark.

PEARS.—From M. DE JONGHE:—**Ananas de Courtrai**; fruit middle-sized, obovate; stalk about an inch in length, of medium thickness; skin yellow; flesh melting and sugary. Considered a very good early pear; ripe August 27th.—**Nelis Grégoire** fruit small and roundish; flesh not sufficiently juicy and melting. Quality inferior.—**Desiré Cornelis**; fruit rather small, obovate, yellow; flesh moderately juicy, but rather gritty, and of indifferent quality.—**Barbe Nelis**; fruit middle-sized, oblong-pyriform, yellow, with a tinge of red next the sun; though apparently sound, decay was commencing at the core, so that a final opinion was not pronounced, but the variety was not considered of first-rate quality.

PEACHES.—From Mr. VEITCH, F.H.S., of Exeter: a Seedling, designated an "**English**" **Seedling Peach**, to distinguish it from the Syrian class of new fruits. It resembled the Royal George, and proved of very good quality.—**Syrian Peach**; about the size of the Royal George, which it resembles in appearance; flesh parting from the stone, melting; kernel bitter. The fruit not having arrived in good condition, the Committee recommended it to be tried further.

PLUM.—From Mr. VEITCH, F.H.S.:—**Syrian Plum**; about the size of Coe's Golden Drop, but of a different shape from the generality of plums, being ovate, and much flattened on the sides; colour yellowish. Quality indifferent.

MANGO.—A Mango, apparently the **Yellow Powis**, figured in

the *Transactions of the Society* (vi. 550), now fruited in the garden of J. BLYTH, Esq., F.H.S., Isle of Wight, was placed before the Committee, but not for tasting.

MELON.—Mr. BAILEY, gardener to J. T. DRAKE, Esq., Shardeloes, Amersham, exhibited a handsome small, round, much-netted, scarlet-fleshed variety, called **Turner's Incomparable.** A very good, well-ripened fruit, but not surpassing other varieties in cultivation.

Oct. 19, 1858, (21, *Regent Street*).—Mr. EDMONDS, F.H.S. *in the Chair.*

NECTARINES.—From Mr. VEITCH, F.H.S., Exeter: four sweet-kernelled **Syrian Nectarines,** which were, however, found not in condition for tasting.

PEACHES.—From Mr. INGRAM, F.H.S.: the **Salway Peach,** a melting variety, with orange flesh, sweet and rich. It was considered a first-rate late Peach.—From Mr. RIVERS, F.H.S.: an American variety called **Poole's late Yellow,** which was, like the preceding, orange-fleshed, melting, rich, and of first-rate quality.

PEARS.—From Mr. RIVERS:—**Beurré Delfosse**; this proved over-ripe, but from its tendency to become mealy, it was considered doubtful whether it could be ranked amongst first-class pears.—**Vineuse d'Esperen**; middle-sized, or rather large, with a rich vinous juice.—**Beurré Superfin;** of first-rate quality, very juicy and melting.—**Beurré Hardy**; a sugary, melting, delicious pear, of first-rate quality, and, with the last, highly worthy of recommendation.—**Beurré Rouge** and **Beurré de Caen** were too far gone.—**Baronne de Mello**; this proved juicy and melting, but not particularly rich.—**Esperen** (*Van Mons*); a handsome oblong fruit, but of indifferent flavour.

MANGO.—From Mr. MOORE, F.H.S.: a variety called the **Peach Mango.** It was middle-sized, oval, of an orange-red colour; flavour, not rich.

APPLE. — From Captain TREVOR CLARKE, F.H.S.: the **Miller's Glory**; middle-sized, or rather large; glossy, bright-red, streaked with darker red, and sprinkled with pale specks; the flesh had a rose-coloured tinge throughout. Captain CLARKE stated, that the original tree was brought from America by a mill-owner; and Mr. RIVERS remarked, that it was one of several varieties which were raised in that country, from the apple called

the Sops of Wine, the flesh of which is still more deeply tinged with red throughout.—Seedlings, Nos. 2 and 3, raised by Captain CLARKE from the Miller's Glory, were exhibited; but the Committee were of opinion that, both in appearance and quality, they were inferior to the parent.

Nov. 2, 1858 (21, *Regent Street*), Mr. EDMONDS, F.H.S., *in the Chair.*

Mr. SPENCER, F.H.S., sent various specimens of Apples and Pears, accompanied with useful notes, respecting the habits of the trees, the soil in which they are growing, &c.

APPLES.—**Benskin's Russet**, was considered the same as the **Rosemary Russet**.—**Nelson Codlin**; this is much grown in Wiltshire, under several names, and thrives and bears better in the sands of that locality than most other kinds. Being a free grower, and very abundant bearer, it was much distributed among cottagers in Yorkshire, by a clergyman named Nelson, hence its name.—**Boston's Seedling**, was not recognised by any other name. The specimens were from an exposed orchard, on poor and sandy soil. The variety was considered a fair kitchen fruit.

PEARS.—**Doyenné Gris**, from an orchard standard, on clay soil; the tree thriving, and of prolific habit. The fruit of this excellent variety, grown under these circumstances, proved very good.—**Langelier's Beurré**, from a west wall; tree weakly, and not very prolific; over-ripe.—**Gendesheim**; orchard fruit; clay soil; tree vigorous; the Fruit is considered inferior, and keeps badly. The Committee found the quality indifferent; the cultivation of the variety may therefore be discontinued.—**Comte de Lamy**; orchard fruit, from a standard, on clay soil; tree prolific, and moderately vigorous. The fruit was excellent, very rich, and sugary. This variety is well adapted for standards, as it is not so apt to be blown down, as many of larger fruited kinds.—**Baronne de Mello**; this was received under the name of "Beurré Van Mons." As a standard, on clay soil, it is rather a weak grower. Fruit middle-sized, pyriform; not in condition.—**Aston Town**; standard orchard fruit; clay soil; tree very hardy and prolific. The fruit proved very good, and the variety was recommended by the Committee, as being well adapted for exposed situations.—**Beurré Diel**; standard orchard fruit; clay

soil. The specimens were large and handsome, for standard produce, but from having been grown on clay soil, they were not ripe, and appeared likely to keep for a considerable time.

GRAPE.—From Mr. SMITH, gardener to Capt. TREVOR CLARKE, F.H.S.: a Seedling, of which the bunch and berries in size and appearance, resembled the Royal Muscadine; to this variety the Committee considered it inferior as regards quality.

GRAFTED PEARS.—Mr. C. T. WREN, gardener to His Grace the Duke of SUTHERLAND, F.H.S., Trentham, sent some **Easter Beurré Pears**, still attached to the branch, to illustrate the results of **grafting** naked branches with short fruitful wood, as explained in the following letter:—

"A method of treating the Pear has been extensively practised at Trentham, by Mr. FLEMING, for a considerable time, the satisfactory results of which are such as to induce me to send specimens, illustrative of its excellence. The trees are chiefly Jargonelles, trained horizontally, and which still continue to bear fruit of the original varieties, at the points of the branches. It is frequently seen that two-thirds or more of the main branches near the stem produce no fruit, but a superabundance of useless wood: to obviate this, the branches are divested of all wood-producing spurs, and thickly side-grafted with short fruitful wood, well furnished with incipient fruit-buds; these scions, if properly selected, instead of growing to wood, generally produce fruit, and thus the entire branch may be laden. The plan thus ensures fruitfulness, other conditions being favourable, and admits of superior varieties being introduced."

The branch was heavily laden with fruit of large size, several being produced from each graft, inserted at short intervals along the branch. These proofs of the success of this practice, were highly satisfactory; and where wall-trees do not bear, or bear only at the extremities of the branches, the plan may be advantageously adopted.

Nov. 17—18, 1858 (*The Great Fruit Show in St. James's Hall*).

The Fruit Committee, taking advantage of the opportunity afforded by the vast quantity of fruit brought together on this occasion, to collect useful information regarding the varieties exhibited, deputed Mr. R. HOGG, Mr. T. MOORE, and Mr. R. THOMPSON, to prepare a full report of the exhibition, which report has been printed for circulation.

Among the fruits which were exhibited, was a Seedling **Pine Apple** from Mr. OATES, gardener to the Right Hon. Lord LEIGH, Stoneleigh Abbey, Kenilworth, which was submitted to the judg-

ment of a sub-committee, who reported as follows:—"The fruit weighed 3¼ lb.; shape conical; colour pale orange; pips rather large, flat, depressed in the centre, the scales covering one-third of their surface; the intermediate space between the pips forming spiral ridges round the fruit. Flesh yellowish, solid, tender, very juicy and free from fibre, brisk, sweet, and well-flavoured. A better late Pine than the Queen."

December 7, 1858 (21, *Regent Street.*)—MR. EDMONDS, F.H.S., *in the Chair.*

PEARS.—From the Rev. J. HUYSHE, F.H.S.: **Huyshe's Victoria** and **Huyshe's Bergamot Pears.** It was found that Huyshe's Bergamot was a very excellent, rich-flavoured, buttery Pear of first-rate quality, superior to the Victoria, which was also good, but scarcely in condition.—From Mr. SPENCER, F.H.S., Bowood: specimens of **Glou Morceau**, from standards, which were, as such, considered exceedingly fine; they were large and well browned with russet; buttery and rich, as is generally the case when good specimens of this variety, obtained from standards, assume a brownish russet colour.—From M. DE JONGHE, of Brussels: **Henriette Bouvier**; a good variety, but the fruit had suffered from carriage. **Alexandre Lambré**, from the same gentleman, proved scarcely second-rate.—From Mr. D. FERGUSON, F.H.S.: the **Chaumontel**, grown on various stocks, and in different aspects; the largest was grown on the Quince stock and an east wall; the next largest on the same kind of stock, but on a west wall. Those on the Pear stock from a south wall were smaller; and smaller still those on the Pear stock from a standard. The fruit were unripe.

APPLES.—E. A. BRANDE, Esq., F.H.S., sent, from an espalier in his garden, specimens produced on grafts received from Portugal, under the names of **Macao d'Espallis** and **Bemposta.** The Committee considered them identical with the **Reinette du Canada.** This sort has been long cultivated in Portugal, the Ionian Isles, and other places in the south of Europe. Mr. FORBES, a Collector in the service of the Society, sent from Portugal, previous to his embarkation thence for Eastern Africa, cuttings from an Apple, without name, which on fruiting in the Garden of the Society, proved to be the Reinette du Canada; as did likewise cuttings received under the name of Mela Janurea, from the Ionian Isles.—From R. T. Head, Esq., The Briars, Alphington, Exeter: a Seedling Apple, called the **Briars Gilli-**

flower, the fruit of which, it was stated, was produced very much at the end of the shoots, like that of the celebrated Cornish Gilliflower Apple. The Briars Gilliflower was not, however, found to possess sufficient merit to justify the Committee to recommend it.

CHINESE YAM.—Messrs. IVERY & SON, Dorking, exhibited some fine tubers of the **Dioscorea Batatas**, accompanied by the following letter:—

"We have sent nine roots of DIOSCOREA BATATAS. The three largest roots were obtained from whole roots planted the first week in April, and then weighed about 1 lb. each. The other six roots were obtained from cut sets planted at the same time, and side by side. The ground was trenched to the depth of 3 feet, and had a good coat of hot-bed manure; they were planted 1 foot apart in the row, and 2½ feet between the rows (there being only two rows). When they began to grow we had them sticked with pea-sticks, but for these the plants soon got too strong, and we then had placed between the two rows some fir-poles, to which the plants soon clung, as the points of the shoots twist round the pole, in the same manner as those of the hop. The foliage of the plant is very ornamental; and the bloom, though small, is very fragrant."

The largest of the tubers weighed 4 lb., and when taken up 4 lb. 6 oz. The above mode of cultivation may therefore be recommended. It is reasonable to suppose, that, as the plant is adapted for twining, its foliage will be in a more natural position, and better exposed to light, when elevated, than if left to trail on the damp soil, and that it will consequently the better elaborate the sap for the production of roots of large size, and superior quality.

Jan. 11, 1859 (21, *Regent Street*).—Mr. EDMONDS, F.H.S., *in the Chair.*

The Committee having offered prizes of 20*s.* and 10*s.* for the best **Winter Nelis Pears,** in dishes of six specimens, to be accompanied by a schedule of particulars relating to the circumstances under which they were produced, the following persons sent fruits for competition:—Mr. TILLERY, F.H.S., gardener to His Grace the Duke of PORTLAND, Welbeck; Mr. HARRISON, F.H.S., Oatlands Palace Gardens; Mr. A. INGRAM, gardener to J. J. BLANDY, Esq., F.H.S., High Grove, Reading; Mr. J. COX, F.H.S. gardener to W. WELLS, Esq., Redleaf, Penshurst, Kent; Mr. G. SHOESMITH, gardener to J. MOORMAN, Esq., Bexhill; Mr. W. INGRAM, gardener to His Grace the Duke of RUTLAND, Belvoir Castle; and Mr. D. JUDD, gardener to the Right Hon. the Earl

SPENCER, Althorp Gardens, Northampton.—The *First Prize* was awarded to Mr. J. Cox; and the *Second Prize* to Mr. A. INGRAM.

Mr. Cox stated that the locality in West Kent, in which his fruit was grown, was about forty miles from the sea; exposed to south-west winds, but sheltered from east, north, and south; the climate generally humid; the soil, rich garden earth, 18 inches deep, on a subsoil of yellow clay, inclining to marl, with veins of iron, and fine sand, many feet deep, the surface sloping to the south-west, at an angle of about 8°. The tree on which the fruit was produced was trained horizontally against a south wall about 12 feet high, and is about thirty years old, in healthy condition, growing on the pear stock; the only pruning it requires is, to break off all the breast-wood when in a young state. The fruit exhibited was produced on branches which were grafted up the side of the main stem twelve years ago, and have not failed during the last ten years to bear a fair crop. The fruit were of admirable texture and flavour.

Mr. A. INGRAM stated that High Grove, near Reading, is considerably elevated; the soil stiff, inclined to clay; subsoil gravel. The tree, planted in a border sloping a little to the north, is fan-trained against a north wall about 13 feet high; but a peculiarity deserving of notice is, that, after reaching the top of the wall on the north side, the branches are trained downwards in a perpendicular direction on the south side, and from the portion of branches trained in this aspect the pears exhibited were gathered on the 19th of October. Mr. INGRAM further stated, that the fruit produced on the south side is always larger than that on the north side, but that the quality of the latter is also good. The tree is old, but healthy and vigorous, and always bears well; it is trained on the spur system. The fruit shown was of very good quality.

Mr. TILLERY described his soil as a stiff sandy loam, on a clay subsoil, but drained; the clay from the drains was burned, and put in the bottom of the borders, a portion being also mixed with the soil in planting; the ground slopes to the north. The tree, about twelve years old, was transplanted in 1858; it is on the pear stock, and is pruned and trained in the ordinary way. Where the burnt clay has been employed, the transplanted trees thrive well. The fruit were fair-sized and well grown, but, being from a west aspect, were not equal in richness to those produced from a south wall near London, and nearer the level of the sea than Welbeck, which occupies a high situation in the midland counties.

Mr. Harrison, Oatlands Palace Gardens, Weybridge, Surrey, near the Thames, stated, that the soil in his locality is four feet deep, with a sandy subsoil; the situation is warm; the surface flat. The fruit produced is clear, ripening into good colour, and keeping well; that exhibited was grown against a wall with a south-east aspect, on an old St. Germain tree, which was grafted with the Winter Nelis about seven years ago; it is trained horizontally, and bears abundantly. The specimens, though good, were not equal to those from the south aspect.

Mr. G. Shoesmith stated that Bexhill, Sussex, is half-a-mile from the sea, on the south coast; the land gradually slopes towards the south-west. The tree, which is healthy, and about ten years old, is trained horizontally against a south-west wall, about nine feet high. It was also remarked that the season was late, but with less than an average fall of rain. The fruits exhibited were splendid, well-grown, large specimens of the sort, and finely russeted, but in point of flavour they were not equal to the exhibitions from south aspects.

Mr. W. Ingram sent three dishes, respectively from east, west, and south aspect walls. He stated that Belvoir Castle is in the north-midland county Leicestershire, lat. 52° 53′, and 220 feet above the level of the sea; the soil is on the lias clay; the surface slightly inclined to the east. The trees are on the pear stock; those on the west aspect wall are trained horizontally, the others fan-shaped. The fruits from the south aspect were found to be too ripe; those from the east were better than those from the west; later than those from the south, but earlier than those from the west; the lateness of the crop on the latter was supposed to be in consequence of the fruit being rather thin.

Mr. Judd, who occupies a midland locality, stated that Althorp Gardens are on the side of a hill sloping to the south-east, and tolerably well sheltered from the north; the soil about two feet deep, consisting of garden mould, resting on blue clay, generally with veins of sandstone; a portion of the clay has been burnt for top-dressing. The tree is against a south-west wall and is healthy; it was originally the Swan's-egg variety, but nine years ago every horizontal branch was grafted with the Winter Nelis; and six years ago it was root-pruned to within three feet of the stem; it is pruned by shortening the spurs in summer, and reducing them in winter. The fruit had ripened early, in consequence of the hot dry summer.

OTHER PEARS.—From Messrs. Webber & Co., Fruiterers,

Covent Garden Market: **Winter Nelis,** not for competition. They were remarkably fine, and of excellent flavour. They were grown at Isleworth; the situation rather humid, and sheltered from the north and north-east; the soil rich mould, two to three feet deep, with gravelly sand below, well-drained; the surface flat; the tree is on the quince stock, and is fan-trained against a south wall about eleven feet high; it has been nearly ten years in bearing, is vigorous, and has produced excellent crops during several years.—From the same locality, large specimens of **Ne plus Meuris,** from a south-west wall; the tree, nearly eight years in bearing, is on the quince stock, and trained horizontally; it is healthy, and a moderate bearer.—From Mr. Evans, gardener to the Venerable Archdeacon Jones, Brynsteddfod: very fine specimens of the **Glou Morceau.** This locality is on the western coast, near Conway; climate moist, of medium temperature, but variable; 170 feet above the level of the sea, which is in sight, and about five miles distant; situation much exposed to north-west winds. The soil is a good loam, two feet in depth, on rock of argillaceous schist. The walled garden in which the pears exhibited were grown, is flat, on a hill in the midst of a mountainous district, sloping to the west. The tree is against a brick wall six feet high, with a stone coping having a narrow projection; the aspect a little to the south of east; it was planted in January, 1840, and is in excellent condition; on the quince stock, and pruned in the ordinary way. The border, seven feet wide, is kept free from garden crops, except a little winter spinach. On the same wall are trees of Louise Bonne, and Marie Louise, equally flourishing. The trees are allowed to bear from six to twelve dozen each, and have never been known to fail, except once, when a severe spring frost cut off the blossoms.—Mr. Tillery exhibited fair specimens of **Glou Morceau,** from a west wall; but the flavour was not so good as in the above.—Mr. Culverwell, Thorpe Perrow, Bedale, Yorkshire, sent some **Marie Louise,** to show their keeping qualities; he stated that he had ripened off fruit of this variety at different periods since October from the same tree. The specimens were very large and fine, but the quality very inferior.—From Mr. W. Ingram: **Orpheline d'Enghien,** or **Beurré d'Aremberg,** more slender near the stalk than the variety usually is; skin pale and smooth, and when that is the case the fruit, as in the present instance, contains too much acidity. The tree bore a heavy crop.—From Mr. D. Judd: handsome **Beurré Diel** and **Glou Morceau.** The

specimens of the former were not melting; those of the latter were large and well-grown, but not equal in quality to fruits of the same variety produced near London.—Mr. Whiting brought for trial, the **Vauquelin**, being, it is believed, the first of that sort produced in this country; it was found scarcely second rate. He also exhibited some well-coloured specimens of **Adams' Pearmain,** and fine **Sweeny Nonpareil Apples**, much larger than that productive variety usually becomes. It is a good keeper, and when most other sorts become flat as regards flavour, this retains its briskness.—From J. Allnutt, Esq., F.H.S.; specimens of the **Easter Beurré Pear,** for an opinion as to their early ripening, and deficiency of flavour. The Committee were of opinion that the imperfection and premature ripening of the fruit had arisen from the tree having suffered from dryness at the root.

GRAPE.—From Mr. Newton, East Lodge, Enfield Chase: a Seedling Grape described as a cross between the Muscat of Alexandria and the Syrian. The berries were middle-sized, oval, yellowish-white; it had the flavour of the Syrian, with a slight trace of the Muscat.

BRUSSELS SPROUTS.—From Mr. W. Melville, gardener to the Right Hon. the Earl of Roseberry, F.H.S., Dalmeney Park, Linlithgowshire: two stems of **Roseberry Brussels Sprouts.** They were raised from a sort of Brussels Sprouts, which Mr. Melville stated he had cultivated for twenty years; and in order to increase the size of the sprouts, he had crossed the variety with the Early Ulm Savoy, a small kind of compact, dwarf habit. The stems were furnished down to the ground, but the sprouts, though larger, were also coarser than those of the true Brussels Sprouts; and the Committee were also of opinion that they were too open, but, that if when cooked as greens or Savoys, they proved tender and good, the variety would be an acquisition on account of its productiveness.

A communication was read from Mr. E. Spary, F.H.S., Queen's Graperies, Brighton, detailing his mode of **Grafting Vines.** It was intended to have accompanied a bunch of Muscat Grapes, produced by the grafted vine, and exhibited at a previous meeting, but arrived too late. The grapery in which the vine is growing was built in the spring of 1855, and planted in April with one Trebbiana and the rest Black Hamburgh vines. After two years' growth they produced an excellent crop; but as it was desired to substitute a Muscat for the Trebbiana, Mr. Spary grafted its stem with that sort, along with the Golden Hamburgh,

the wood of the latter being much the smaller, in consequence of its scarceness. He stated, that on the 1st of April, 1858, the existing vine or stock being at that time in *full leaf*, was cut off two feet four inches from the ground, and a cleft made in the top, according to the usual mode of cleft grafting. The Muscat scion was inserted on the east side, and a small graft of the Golden Hamburgh on the west, the former being three inches long and having one eye, and the latter two inches. The junction was bound over with matting, covered with grafting-wax, and over that a coating of grafting-clay, and a covering of moss. Proper attention was paid to the syringing twice a day with the other vines. At the end of three weeks the Muscat began to grow, and in the first week from that time it grew four inches, in the second twelve, in the third twenty-four, and in the fourth thirty-six inches. At this stage it was found requisite to remove the moss, clay, and wax; and a slack bandage, coated with clay, and covered with moss to retain proper moisture, was substituted,—all these being taken off a fortnight later. The fifth week the scion grew thirty-six inches, the sixth week thirty, and the two following weeks five feet nine inches; the whole length of the cane being eighteen feet one inch. In addition to this, it threw out two or three feet of lateral growth at the top. The girth of the cane was stated to be,—at one inch from the graft, $3\frac{7}{16}$ inches; in the centre, $2\frac{3}{8}$ inches; at the top, $1\frac{7}{8}$ inch: the whole of the wood being well ripened. In addition to this extraordinary growth, the laterals showed fruit as high as the tenth or twelfth eye from the graft, but all were taken off except two bunches on the ninth eye, these being left as an experiment.

The cane of the Golden Hamburgh grew with the same rapidity as its neighbour, but in consequence of the smallness of the graft, it did not reach the same size, the following being its dimensions:—length, 14 feet 6 inches; girth at one inch from the graft $2\frac{1}{16}$ inches, in the centre $1\frac{9}{16}$ inch, at the top $1\frac{1}{4}$ inch; the wood throughout well ripened.

The operation having been very successful, proving that great advantages may be derived from grafting where vines are established, but a substitution of other sorts is desired, Mr. SPARY thought a report of it might be interesting.

Feb. 1, 1859 (21, *Regent Street*).—*The* REV. L. VERNON HARCOURT, F.H.S., *in the Chair.*

Prizes of 20*s*. and 10*s*. were offered at this Meeting for the

best **Easter Beurré Pears,** in dishes of six specimens, accompanied with a schedule of particulars respecting the circumstances under which the fruits were produced. The competitors were:—Mr. Evans, gardener to the Venerable Archdeacon Jones, Brynsteddfod, Conway; Mr. J. Hall, gardener to T. Lucas, Esq., Lower Grove House, Roehampton; Mr. J. Tucker, gardener to Josiah Moorman, Esq., Clapham Road; Mr. W. Masterson, gardener to K. Greenway, Esq., Warwick; Mr. J. Cox, F.H.S., gardener to W. Wells, Esq,, Redleaf, Penshurst, Kent; Mr. Catt, gardener to Colonel Cavendish, St. Lawrence House, Welwyn, Herts.; Mr. J. Clark, gardener to the Earl of Darnley, Cobham Hall, Kent; Mr. D. Judd, gardener to the Right Hon. the Earl Spencer, Althorp, Northampton; and Mr. J. Douglas, gardener to H. B. Simpson, Esq., Babworth Hall, Retford, Notts. The *First Prize* was awarded to Mr. J. Cox; the *Second Prize* to Mr. J. Hall.

Mr. Cox described the soil of his locality, in the Southern Weald of Kent (see p. 20), as a rich garden mould, two feet deep, resting on a bed of yellow clay. The autumns in that part of Kent are very mild and moist, the winters not very severe, but the springs cold, harsh, and drying. The tree, about thirty years old, is on the pear stock, and in healthy condition; it was grafted up the sides of the main stem with the Easter Beurré, and is trained horizontally against a south wall 12 feet high; the mode of pruning does not differ from that of ordinary horizontal training, with the exception that all the fore-right shoots are broken clean out when very young.

Mr. Hall's specimens were grown at Roehampton, on the south side of the Thames, on a light sandy soil 1½ foot deep, with gravelly subsoil; the surface a little inclined to the north. The tree, about fourteen years old, and very healthy, is on the pear stock, and trained against a west wall about fourteen feet high. The border is top-dressed every year with vegetable refuse, and receives large quantities of water in the growing season. Under these circumstances, the fruit proved next in point of quality to that exhibited by Mr. Cox.

The conditions under which the specimens from Mr. Evans were grown are detailed at p. 22. The fruit was aromatic, but the flesh not so smooth, buttery, and rich, as that of the specimens which obtained the awards.

Mr. J. Tucker stated that the situation of Mr. Moorman's garden at Clapham is sheltered and level; the soil, strong mould

three feet deep, on a gravelly subsoil. The tree is a half-standard, in healthy condition, grafted on the pear stock, and about fifteen years old. It is trained downward in the form of an umbrella. As a standard production, the fruit was very good.

Mr. W. Masterson described the surface of the ground to be hilly; the soil light and sandy; the tree young, and allowed to grow without pruning. The fruit, also from a standard, was not, however, equal in appearance and quality to that grown on a standard near London.

Mr. Catt stated, that the garden at Welwyn is situated on an exposed table-land; the soil, strong loam eighteen inches deep, cool, and moist; the subsoil clay on chalk. The tree, twelve years old, is healthy, and extends twelve feet by eighteen feet on a south wall, against which it is fan-trained; it is pruned at midsummer and in autumn. Although grown in a south aspect, the fruit was not equal in quality to that from a standard, in deep soil, near Clapham, on the south side of the Thames.

Mr. J. Clark stated, that the surface of the ground at Cobham Hall is undulating; the soil a strong loam, on the chalk. The fruit was produced by a large old tree, not very vigorous, on an east aspect wall; and was gathered in the first week of October. This exhibition consisted of fair specimens as regards size and appearance; the fruit, having been grown against an east wall, was, however, much inferior as regards quality to that produced, also in Kent, but against a south wall, by Mr. Cox.

Mr. D. Judd, whose locality is described at p. 21, stated that the tree which bore the fruit exhibited, is healthy and upwards of 20 years old; eight years ago it was root-pruned; it is trained against a wall sixteen feet high, with a south-east aspect; the shoots are shortened in summer, and pruned back to short spurs in winter. The season, it was remarked, was dry and hot, and the fruit ripened earlier than usual. The specimens were well-grown, and next in quality to those which gained the second prize. It may be remarked, that the wall against which the fruit was produced is 16 feet high, which is considerably above the usual height of garden walls, and doubtless an advantageous circumstance. If the aspect had been full south, instead of south-east, it is probable this exhibition would have obtained one of the awards.

Mr. J. Douglas stated, that the garden at Babworth Hall has a south exposure; the surface of the locality is undulating; the soil light, dry, and early; subsoil gravel, or red sand. The soil of the borders, in which the trees that produced the fruit exhi-

bited are growing, one on a south and the other on a west aspect wall, is mixed with strong soil to the depth of $2\frac{1}{2}$ feet, and the bottom is concreted. The trees are about thirty years old, and healthy; they make little wood, but bear well; the diameter of the stock is proportionably very small, and this, Mr. DOUGLAS thinks, may in some measure account for the trees making little wood. The trees are about 12 feet high, trained horizontally, and closely pruned. It was remarked, that in the autumn of 1857, the borders were flooded from a heavy fall of rain, and that although 1858 was a hot dry season, yet the fruit ripened about the same time as in ordinary seasons. The specimens exhibited from the south wall were considerably larger than those from the west wall, though it was stated that the largest from the former aspect could not be sent in consequence of being too ripe. As regards flavour, the smaller fruit from the west wall were nearly as good as those grown to a larger size against the south wall. This was the first exhibition of pears brought before the Committee from a concreted border; but the quality of the fruit was much inferior to that of the same variety produced under ordinary circumstances 150 miles farther south, near London.

The Committee remarked, that on the whole, the Easter Beurré Pears, notwithstanding the heat and great amount of sunshine experienced last summer, were not so buttery and rich as they have usually proved in former tolerably good seasons.

J. ALLNUTT, Esq., F.H.S., again sent samples of his **Easter Beurré Pears** for examination; they were very mealy and without flavour, caused, in the opinion of the Committee, by the trees having suffered from dryness at the root.

BRUSSELS SPROUTS, &c.—Mr. WM. MELVILLE, gardener to the Right Hon. the Earl of ROSEBERRY, Dalmeney Park, near Edinburgh, sent a specimen of the **Chou de Milan,** crossed with the Brussels Sprouts; also a white variety of the latter, some **Roseberry Brussels Sprouts,** and a variety obtained from crossing the latter with the Dwarf Ulm Savoy. The Roseberry Brussels Sprouts were very good; but the crossing did not appear to have improved them. The white variety was curious, some of the leaves being entirely destitute of any green colouring matter, and others prettily variegated.—Mr. TURNER, F.H.S., Royal Nurseries, Slough, exhibited a sample of the **Cottagers' Kale,** planted in a pot; the stem was 4 feet in height, and abundantly furnished, from base to top, with sprouts of a very fresh appearance. This variety from its hardiness, is well adapted for withstanding severe winters.

H. O. CARRÉ, Esq., Val Nord, Guernsey, communicated the results of some experiments which he had made, with regard to **Improving the flavour of Pears**, by heat and light under glass. Last autumn, he placed on a broad shelf in the warmest part of a greenhouse, near the glass at top, various kinds of pears, as soon as they were gathered from the trees; some were likewise placed near the front sashes. The fruit was thus exposed to heat and sunlight, and the improvement in flavour, as regards some varieties was most remarkable: the following kinds being more especially benefited :—**Louise Bonne** (*of Jersey*), **Beurré d'Amanlis, Eyewood, Glou Morceau, Winter Nelis, Gansel's Bergamot.** The Louise Bonne was growing in a shaded situation, and the fruit, in consequence, was pale and comparatively watery in quality, but placed as above, it became of excellent flavour, although a little shrivelled from the loss of superabundant watery juice. The Winter Nelis, Mr. CARRÉ stated, was improved to a very great degree. He intends to prosecute his experiments; and from his success last season, he believes that in many parts of England, where pears do not ripen well, they may be rendered much more melting and sugary by adopting the plan of exposing them to light and heat, when gathered, than if they are kept in the ordinary way. The Committee were of opinion that, as the subject was of great importance, Mr. CARRÉ's plan should be made known, and recommended for trial in this country.

A letter from CHARLES STRICKLAND, Esq., F.H.S., was read, in which he expressed his intention of trying, at home, the qualities of such kinds of **Kitchen Apples** as he can collect in Yorkshire, and of sending specimens of each, with an account of where they grow, &c., and his remarks as to their quality, to the Committee,—a plan he recommended others of the Committee to adopt in different parts of England. "There is," he observes, "a practical difficulty in the London Committee alone dealing with so extensive a subject as that of Kitchen Apples, but the difficulty will be got over, and the expense much lessened, if the members of the Committee *individually* will pay attention to it, and furnish the Committee with the results."

March 1, 1859 (21, *Regent Street.*)—Mr. EDMONDS, F.H.S., *in the Chair.*

Prizes of 20*s*. and 10*s*. were offered at this meeting, for the best dishes of six **Beurré Rance Pears**, accompanied by particulars of their growth. The following were competitors :—Mr. HILL,

gardener to RALPH SNEYD, Esq., Keele Hall, Newcastle, Staffordshire; Mr. J. COX, F.H.S., gardener to W. WELLS, Esq., Redleaf, Penshurst, Kent; Mr. JOHNSTON, gardener to the Hon. M. C. MAXWELL, Terregles, Kirkcudbright; and Mr. PARK, Grove Hall, East Retford.—The *First Prize* was awarded to Mr. Cox; and the *Second Prize* to Mr. PARK.

A reference to pp. 20 and 25, will show that at the former competitive examinations of pears, as well as on this occasion, Mr. Cox obtained the first prize. The garden at Redleaf, which has a gentle inclination to the south-west, is sheltered from the north, north-east, east, and south-east winds, but exposed to those from the south-west, west, and north-west. The tree which produced the fruit exhibited, is growing in stiff garden soil, one foot thick; the subsoil a yellow ferruginous clay, deeply drained. The fruit was produced about 28 feet from the ground, against the gable end of a building. The tree, which is about twenty-five years old, and horizontally trained, is in a healthy condition; it was originally the St. Germain, but is now grafted with many sorts, and with Beurré Rance at the top. The border is annually manured. Mr. Cox remarks, that he has no doubt the roots of this tree, as well as of those which produced the fruit previously sent to the Committee, are principally in the yellow clay beforementioned, because the borders are every year heavily cropped; but he thinks the good condition of the trees may be partially owing to the manuring substances being washed down. The specimens of the fruit were not so large as some others of the same sort exhibited and they were more russeted; the flesh, though slightly gritty, was very juicy, rich, and sugary.

Mr. PARK stated, that the situation of the garden at Grove Hall, where the fruit exhibited by him was produced, is dry and elevated; it is said to be the highest point but one in the county of Nottingham, and is about fifty-four miles from the sea; the surface slopes gently to the south. The soil is a strong loam, 2 feet deep; subsoil, red clay on gypsum. The tree is on the pear stock, old, very healthy, and has borne great crops for the last five years; it is trained against a west aspect wall, 15 feet high. Twelve years ago the tree was trained on the fan system, with spurs 15 inches from the wall. Since then it has been root-pruned, the middle of the tree cut out, except the centre branch, from which, at the top, two branches are trained horizontally, and from these, others trained downwards, at intervals of 12 inches, have now filled the middle of the tree, which bore a great crop

last year. The whole of the tree is full of fruit-buds. Mr. PARK remarks that, in the locality of Retford, very little rain has fallen since July, 1857, and that the last two summers have been unusually hot. He adds that, with him, the Beurré Rance is seldom fit for use before the beginning of April. The specimens exhibited were very fine, juicy, and rich, but not quite so ripe as those from Mr. Cox. It therefore appears that excellent Pears can be produced in the midland counties of England.

Mr. HILL stated that Keele Hall, North Staffordshire, occupies an elevated situation, but sheltered on all sides. The climate is humid, and not favourable for out-door fruits, unless the trees are very much sheltered. The tree which produced the fruit exhibited is growing in a stiff loam, two feet deep, on a subsoil of red sandstone rock; the border slopes about six inches in eight feet. The tree is twenty years old, on the pear stock, and very healthy; it is trained horizontally against a south wall, and is spur-pruned in the usual way. Three years ago it was root-pruned within four feet of the stem. The specimens were of fair size; but smaller, it was stated, than usual, owing to the tree bearing a heavy crop; they were juicy, but deficient in sugary quality. Mr. HILL stated that the Beurré Rance is the best late Pear he has; and that the Ne plus Meuris, Easter Beurré, and the Josephine de Malines, although grown in the same soil as the Beurré Rance, never prove good.

Mr. JOHNSTON stated that the country south and west of Terregles is hilly; north and east rather flat. The gardens are a hundred feet above the level of the sea, on a flat surface, sheltered by plantations, but open to the south-east; climate, rather moist. The average depth of soil is twenty-four inches, it is light and sandy, but richly manured; subsoil, sandy gravel, naturally dry. The tree which produced the fruit exhibited is about eighteen years old, and is on the pear stock; it bears abundantly, and the fruits are thinned. It is trained horizontally against a south-east aspect wall, twelve feet high, which is wired, and has a stone coping projecting nine inches. The tree was root-pruned in 1857, the spurs were shortened and thinned out, and likewise a few of the branches, in the springs of 1857 and 1858, in consequence of their being too thick. The border, ten feet wide, is richly manured, and cropped with vegetables, such as lettuces, or occupied with seed-beds, but never deeply dug. As regards size and appearance, the specimens were the largest and finest exhibited; but they had no flavour. It should be understood, that

richness of flavour is a point on which the decision of the Committee mainly depends. This is mentioned, because, in order to obtain very large productions, borders are sometimes too highly manured, and the flavour of the fruit is, in consequence, deteriorated.

OTHER PEARS.—From Mr. Commissioner EVANS, F.H.S., Golder's Hill, Hampstead: a Seedling, very much resembling its parent, the Ne plus Meuris, but not so good; the tree is a beautiful, and most healthy standard, thirty years old, growing at Hendon, in a gravel walk, on clay soil, and is spur-pruned; the fruit ripens in December, retaining its freshness till June; but in dry seasons it ripens earlier. This deserves trying again, on account of its long keeping.—M. DE JONGHE of Brussels exhibited a collection of Pears; but, being late-keeping sorts, most of them were unripe. **Beurré Rance**; from an old, and from a young tree; very well-grown, but not equal in quality to those produced near London; those from a young tree proved the best flavoured.—**Poire Prévost**, was found to be only half-melting, but juicy and agreeably flavoured.—**Beurré Bretonneau**; large, turbinate; eye close, in an evenly-formed hollow; skin pale brown; flesh, fine-grained, juicy, and very good, with a peculiarly perfumed aroma.—**Muscatelle**; small, and very highly perfumed—considered rather too much so.

APPLES.—From Mr. Commissioner EVANS, F.H.S.; **Easter Pippin**, under the name of Sturmer Pippin; this was grown at Hendon, in Middlesex; soil, rich at top; subsoil, strong clay; surface, nearly level; the tree, a standard, thirty years old, is spur-pruned, and bears abundantly; the fruit was of average size. This variety is a useful kitchen apple, on account of its keeping long; in many instances, it has been kept sound for more than a year.—**Lemon Pippin**, sent as the Pudding Apple; this was produced in the county of Dublin, on a standard, in rich level soil, resting on limestone; a very fair specimen of the kind.—**Royal Russet**; the specimen was of medium size; from the same locality as the preceding.—**Marmalade Pippin**; received under the names of Pippin, and Cooking Apple; also from the county of Dublin; the tree is growing on poor, cold, and shaded soil, on a ground espalier, a foot high, and is an abundant bearer; the specimens were below the average size.—From Mr. C. MCDONALD, gardener to the Right Hon. Colonel TIGHE, F.H.S., Woodstock Park, Inistiogue, Kilkenny, Ireland, twelve sorts of Apples unnamed: "The locality in which they were grown is 100

feet above the level of the sea, from which it is distant about 40 miles; the ground slopes to the south-east about one foot in ten, and behind the garden it rises regularly to the height of 900 feet; the winters are mild, but the summers cloudy; the annual amount of rain for the last five years averaged 33 inches; and during that period the thermometer only once fell as low as 10°. The soil is loamy, 6 to 15 inches deep, on clayey slate, and is considered poor for the district. The trees which produced the fruit are standards, from 30 to 100 years old, and many of them much decayed; they have not been pruned for many years. The ground is usually cropped with vegetables, but never trenched, nor deeply dug. The varieties recognised were: No. 1, **Gloria Mundi**; 3, **Blenheim Pippin**; 4, **Hall Door**; 5, **Hoary Morning**; 6, **King of the Pippins**; 10, **Wyken Pippin**; the others were unknown. No. 12 was remarkable for a distinct broad stripe of deep crimson, extending on one side from the stalk to the eye. The Apples were fair specimens, but not so rich as those of the same kinds grown in climates not on the whole so mild, or where the winters are much colder, but the summers hotter.—From C. Strickland, Esq., F.H.S: Specimens of Apples, grown at Boynton, in Yorkshire, on chalk gravel, within three miles of the sea. No. 1, known in the locality as the **Lemon Pippin,** was not the lemon-shaped Apple known by that name near London; it was stated to be, though not large, a very useful kitchen Apple for spring, as it melts well, and has less acid and rather more flavour than Dumelow's Seedling. No. 4, the **Ribston Pippin,** from a standard, was not of first-rate quality; but it was remarked, that from a wall in the same garden this well known variety is very fine and good. No. 6, **Scarlet Nonpareil,** grown where the soil is thin and poor, upon chalk, were of indifferent quality. No. 8, called in Yorkshire the **Warner Apple,** is apparently a sound keeper. For the others, which were not recognised, it was considered that better kinds might be substituted.—From Mr. Edmonds, F.H.S.: fine specimens of the **Hoary Morning,** a handsome, much-striped kitchen apple.

Mr. Park, Grove Hall, East Retford, sent a dish of **Old Colmar,** or **d'Auch Pears,** of which it was remarkable that one of them proved good, the others not.

BRUSSELS SPROUTS.—From Mr. Judd, Althorp Gardens, Northampton; specimens of his variety of **Brussels Sprouts.** Of this vegetable he had been in the habit of saving seed for many

years, and the Sprouts he has exhibited have been generally very fine. In the present instance, however, neither the plants nor the sprouts were so good as usual.

April 5, 1859 (8, *St. Martin's Place*).—Mr. Edmonds, F.H.S., *in the Chair.*

APPLES.—Mr. Toogood, Westergate Nursery, Arundel, sent two seedlings: **Alexander Wells,** middle-sized, round, almost entirely covered with russet, intermixed with crimson streaks; apparently a good apple, but rather over-ripe. **Stanstead Park;** this was so like the Blenheim Pippin that the Committee could find no decided distinction.—Mr. Toogood also exhibited the **Aromatic Pippin;** and a variety called the **Brandy Apple,** but which, though somewhat like the Golden Harvey, of which the Brandy Apple is a synonym, was not the same.—From C. Strickland, Esq., F.H.S.: specimens of the **Dutch Mignonne,** from strong, clayey, diluvial soil at Holderness; they were finer than others grown in some parts of Yorkshire on chalk subsoil.

April 12, 1859 (8, *St. Martin's Place*).—*Meeting of Sub-Committee,* Mr. Edmonds, F.H.S., *in the Chair.*

PINE-APPLE.—A seedling, now exhibited for the first time, was sent by Mr. T. C. Elliott, gardener to the Rt. Hon. the Earl of Ilchester, F.H.S., Melbury House, Dorchester. Mr. Elliott stated, that the variety in question was raised more than ten years since, at Ripley Castle, Yorkshire, by his brother, Mr. G. Elliott, gardener to the late Sir William Ingilby, Bart., who named it the **Prince President;** the plant is of robust habit; leaves broad, short, deeply striated, covered with bloom; spines about six in the inch, recurved on the lower part of the leaf; flowers purple. Fruit handsome, pyramidal, measuring 10½ inches from stalk to crown; length of crown, 4 inches; circumference at the thickest part, 16 inches, and at top about 9 inches; weight, 4 lbs. 4 ozs; colour, orange-yellow; pips middle-sized, flattish, the scales covering about half the pip, and the points of the bracts extending rather beyond the scales; flesh yellow, tender, exceedingly juicy, sugary, rich, and vinous. It was considered of first-rate quality. Mr. Elliott stated, that the plant which produced the fruit was planted out in good sound loam, mixed with one-fourth part of peat and leaf mould, in a pit of the pine-stove, heated by hot-water pipes beneath.

COMPARATIVE SUMMARY OF THE COMPETITIVE EXAMINATIONS OF

Winter Nelis Pear, *Examined January* 11, 1859.

	Exhibitor.	Climate, &c.	Soil, &c.	Situation, &c.	
1	Mr. J. Cox (see p. 20), Redleaf.	Kent; humid; 40 miles from sea; exposed and sloping to S.W.	Rich earth 18 in. deep; subsoil marly yellow clay.	S. wall, 12 ft. high.	1
2	Mr. A. Ingram (p. 20), High Grove.	Berkshire; elevated; border sloping to N.	Stiff, inclined to clay; subsoil gravel.	Planted against N. wall 13 ft. high, trained over the top.	2
3	Mr. Tillery (p. 20), Welbeck.	Midland; high; slopes to N.	Stiff sandy loam; subsoil clay.	W. wall.	3
4	Mr. Harrison (p. 21), Oatlands.	Surrey; nr. the Thames; flat.	Soil 4 feet deep; subsoil sandy.	S.E. wall.	4
5	Mr. G. Shoesmith (p. 21), Bexhill.	Sussex; ½ mile from sea; exposed and sloping to S.W.	Loamy 2½ feet deep; subsoil clay.	S.W. wall, 9 feet high.	5
6	Mr. W. Ingram (p. 21), Belvoir Castle.	N. Midland; slightly inclined to E.	Lias clay.	S. wall.	6
7	Mr. W. Ingram (p. 21), Belvoir Castle.	N. Midland; slightly inclined to E.	Lias clay.	W. wall.	7
8	Mr. W. Ingram (p. 21), Belvoir Castle.	N. Midland; slightly inclined to E.	Lias clay.	E. wall.	8
9	Mr. D. Judd (p. 21), Althorp.	Midland; high; sloping to S.E.	Garden soil 2 ft. deep; subsoil blue clay.	S.W. wall, 14 ft. high.	9
10	Webber & Co. (p. 22), Covent Garden.	Isleworth; humid; sheltered from N. & N.E.	Rich earth 2—3 feet deep; subsoil gravel, well drained.	S. wall, 11 ft. high.	10

Easter Beurré Pear, *Examined February* 1, 1859.

	Exhibitor.	Climate, &c.	Soil, &c.	Situation, &c.	
1	Mr. J. Cox (p. 25), Redleaf.	Kent; humid; exposed, and sloping to S.W.	Rich earth 2 feet deep; subsoil yellow clay with sand veins.	S. wall, 12 ft. high.	1
2	Mr. Hall (p. 25), Roehampton.	S.W. of London; slopes gently to N.	Light sandy 1½ ft. deep; subsoil gravel.	W. wall, 14 ft high.	2
3	Mr. Evans (p. 25), Conway.	Moist; 170 feet above sea; exposed to N. and W.	Loam 2 feet deep; subsoil argillaceous schist.	Wall 6 ft. high; aspect S. of E.	3
4	Mr. Tucker (p. 25), Clapham.	S. of London; sheltered; level.	Strong earth 3ft. deep; subsoil gravel.	Half-standard.	4

PEARS, ON JANUARY 11, FEBRUARY 1, AND MARCH 1, 1859.

	Approx. Age of Tree, &c.	Stock, Pruning, &c.	Miscellaneous remarks.	Quality of Fruit.
1	30 years; healthy.	Pear; breast-wood broken out when young.	Fruit borne on branches grafted 12 years since.	Excellent, and finely grown; 1st prize.
2	Old; healthy; bears well.	Spur-pruned; fan-trained.	Fruit borne on branches trained over to S. side of wall.	Good quality and appearance; 2nd prize.
3	12 years; thriving.	Pruned and trained in the usual way.	Tree transplanted in 1858.	Fair-sized, but not equal to the preceding.
4	Old; 7 years grafted; great bearer.	St. Germain; trained horizontally.	Early situation, but pears keep well.	Good, but not equal to Nos. 1 and 2.
5	10 years; healthy.	Pear; trained horizontally.	Late situation.	Splendid fruit, but inferior in flavour.
6	10—12 years; heavy crop.	Pear; fan-trained.	Nearly past.	Over-ripe.
7	7 years; thin crop.	Pear; trained horizontally.	Later than usual, in consequence of thin crop.	Later than from E. aspect; not high flavoured.
8	9—10 years; heavy crop.	Pear; fan-trained.		Earlier than from W. aspect; not high flavoured.
9	Old; 9 years grafted; healthy.	Swan's Egg; trained horizontally; spur-pruned.	Root-pruned 6 years since; dry season.	Second-rate.
10	10 years in bearing; vigorous.	Quince; fan-trained.	Not sent for competition.	Very fine, and of excellent flavour.

	Approx. Age of Tree, &c.	Stock, Pruning, &c.	Miscellaneous remarks.	Quality of Fruit.
1	30 years; healthy.	Pear; grafted up sides of main stem; horizontal trained; breast wood broken out.	Autumns mild and moist; springs cold and harsh.	Excellent and fine; 1st prize.
2	14 years; healthy.	Free stock.	Top-dressed with veg. refuse; watered freely when growing.	Fine fruit of good quality; 2nd prize.
3	20 years; healthy.	Quince; common pruning.	Border 7 feet wide, not cropped.	Well-grown, aromatic, but not so buttery as Nos. 1 and 2.
4	15 years; healthy.	Pear; umbrella-trained.		Good for standard fruit.

COMPARATIVE SUMMARY OF THE COMPETITIVE EXAMINATIONS OF

Easter Beurré Pear, *Examined February* 1, 1859.—*Continued.*

	Exhibitor.	Climate, &c.	Soil, &c.	Situation, &c.	
5	Mr. Masterson (p. 26), Warwick.	Midland; hilly.	Light and sandy.	Standard.	5
6	Mr. Catt (p. 26), Welwyn.	Hertfordshire; exposed; cool and moist.	Strong loam 18 in. deep; subsoil clay on chalk.	S. wall, 12 ft. high.	6
7	Mr. J. Clark (p. 26), Cobham Hall.	Kent; surface undulated.	Strong loam; subsoil chalk.	E. wall.	7
8	Mr. D. Judd (p. 26), Althorp.	Midland; elevated; sheltered from N.	Garden earth, 2 feet deep; subsoil blue clay.	S. E. wall, 16 ft. high.	8
9	Mr. Douglas (p. 26), Babworth Hall.	Midland; locality undulated; border level.	Light earth, mixed with strong soil 2½ feet deep; concreted bottom; subsoil gravel.	S. wall, 12 ft. high.	9
10	Mr. Douglas (p. 26), Babworth Hall.	Midland; locality undulated; border level.	Light earth, mixed with strong soil 2½ feet deep; concreted bottom; subsoil gravel.	W. wall, 12 ft. high.	10

Beurré Rance Pear, *Examined March* 1, 1859.

	Exhibitor.	Climate, &c.	Soil, &c.	Situation, &c.	
1	Mr. Cox, (p. 29), Redleaf.	Kent; humid; exposed, and sloping to S.W.	Stiff earth 1 ft. deep; subsoil deep yellow clay, drained.	Gable end of a building 25 feet high.	1
2	Mr. Park (p. 29), Grove Hall.	Midland; dry, elevated; exposed; sloping to S.	Strong loam 2 ft. deep; subsoil red clay.	W. wall, 15 ft. high.	2
3	Mr. Hill, (p. 30), Keele Hall.	N. Stafford; humid; elevated; sheltered; sloping to S.	Stiff loam, 2 ft. deep; subsoil red sandstone.	S. wall, 10 feet high.	3
4	Mr. Johnston (p. 30), Terregles, N.B.	Moist; 100 ft. above sea; flat; open to S. E.	Light sand, 2 ft. deep; subsoil gravel, dry.	S. E. wall, 12 ft. high; coping projects 9 in.	4

PEARS, ON JANUARY 11, FEBRUARY 1, AND MARCH 1, 1859.—*Continued.*

	Approx. Age of Tree, &c.	Stock, Pruning, &c.	Miscellaneous remarks.	Quality of Fruit.
5	Young.	Left unpruned.		Inferior to London standard fruit, No. 4.
6	12 years; healthy.	Stock not known; fan-trained.	Pruned midsummer and autumn.	Inferior to London standard fruit, No. 4.
7	Old; not vigorous.		Fruit gathered first week in Oct. 1858.	Fair in size and appearance; quality inferior.
8	20 years; healthy.	Stock not known; spur-pruned.	Root-pruned 8 years since; dry season.	Well-grown fruit, next in quality to No. 2.
9	30 years; healthy; bears well.	Stock unknown, but small; close-pruned; horizontal trained.	Dry early soil.	Larger than No. 10, but of inferior quality.
10	30 years; healthy; bears well.	Stock unknown, but small; close-pruned; horizontal trained.	Dry early soil.	Smaller and better flavoured than No. 9.

	Approx. Age of Tree, &c.	Stock, Pruning, &c.	Miscellaneous remarks.	Quality of Fruit.
1	25 years; healthy.	St. Germain grafted at top, with B. Rance; trained horizontally.	Border manured.	Medium size, russeted; juicy rich and sugary; 1st prize.
2	Old; healthy.	Pear; trained downwards.	Fruit seldom fit for use before April.	Fine, juicy, and rich; not quite so ripe as No. 1; 2nd prize.
3	20 years; healthy.	Pear; spur-pruned; trained horizontally.	Root-pruned 3 years since. Ne plus Meuris and Easter Beurré, are worthless compared with B. Rance.	Fair size; juicy, but not sugary.
4	18 years; healthy; bears abundantly.	Pear; spurs thinned.	Root pruned in 1857; border manured for light crops; never deep dug.	Large, handsome, but flavourless.

III.—EXHIBITION IN ST. JAMES'S HALL, MAY 12 AND 13.

THIS was an interesting exhibition, a considerable variety of ornamental and valuable plants and fruits being brought together, notwithstanding that exhibitors had already experienced the injurious effect which the dried air of the gas-lighted hall has upon the plants. The raised stage in front of the organ was occupied by Palms, Ferns, and flowering plants from the Society's garden, in front of which were some fine standard and other Azaleas from Messrs. FRASER. Below these Azaleas were two fine Wellingtonias from Messrs. VEITCH, and in front of them a semicircular row of magnificent Pot Roses from Messrs. LANE. The centre table was covered with fruit, and small Pot Roses, with a central line of Standard Azaleas. A variety of Palms and other fine-foliaged plants were disposed along the galleries. The following are the more important details :—

ORCHIDS (10), AMATEURS : 1st Prize, Mr. WOOLLEY, gardener to H. B. KER, Esq., Cheshunt, who had a pretty specimen of **Arpophyllum giganteum,** with small shell-like purple blossoms, arranged with beautiful regularity on the crowded flower-spikes. NURSERYMEN : 1st Prize, Messrs. VEITCH & SON, Exeter and Chelsea ; in this collection were fine plants of the rare **Cypripedium villosum, C. Lowii,** and **C. barbatum.**

CHINESE AZALEAS (8) : 1st Prize, Messrs. FRASER, Lea-bridge Road. —**Six Standards** : 1st Prize, Messrs. FRASER.—2nd, Messrs. LANE & SON, Great Berkhampstead. These standard plants were very effective.

RHODODENDRONS (8) : 1st Prize, Mr. STANDISH, F.H.S., Bagshot, who showed hybrid hardy sorts of various colours.—2nd, Messrs. LANE & SON, who had chiefly the yellowish and buff-coloured sorts, obtained by crossing with the yellow Chinese Azalea, which in many cases are not attractive.

ROSES (6) : 1st Prize, Messrs. LANE & SON. This magnificent collection formed one of the principal features of the exhibition ; the plants were about five feet in height, and loaded with flowers, some having upwards of forty expanded blossoms.—Mr. FRANCIS, F.H.S., Hertford, contributed a large group of small blooming plants.

PLANTS OF FINE FOLIAGE (8) : 1st Prize, Mr. YOUNG, gardener to H. STONE, Esq., Dulwich, who had a conspicuous plant of **Farfugium grande**— 2nd, Messrs. JACKSON & SON, Kingston, who had a fine group, consisting chiefly of fan-leaved and other Palms, including, however, the curious and bold-leaved **Monstera deliciosa.**

ORNAMENTAL NEW PLANTS.—1st class Certificate, Messrs. VEITCH & SON, for **Pothos argyræa,** from Borneo ; a dwarf Anæctochilus-like plant, quite a gem ; the obliquely-ovate, acute, green leaves having silvery blotches, the blotches on each side the central rib running together into a broad irregular band.

Also, for the singularly rich and beautiful **Clianthus Dampieri**, whose brilliant crimson flowers with a large black shining boss, were particularly attractive.—2nd class Do., Messrs. VEITCH & SON, for **Begonia amabilis**, an elegant dwarf Assam species, with smallish oblique, cordate-ovate leaves of a shining dark olive green, and having a silvery belt just within the margin, the under surface stained with red, opposite the green parts above. Also, for **Caladium Chantini**, a very ornamental kind, with moderate sized ovately arrow-shaped leaves, of which the centre and the main ribs are red, the surface between them being thickly flecked with white on a green ground.—3rd class Do., Messrs. VEITCH & SON, for **Begonia Queen Victoria**, one of the dwarf variegated kinds, having moderate-sized leaves of a dark reddish-tinted green about the principal veins, the surface between them being a light green spangled with silver.—Messrs. VEITCH also had **Begonia argentea,** a plant similar to the last-named in habit, but with the surface of an uniform silvery yellowish-green, studded with small green points.—Various other miscellaneous novelties were contributed for the decoration of the hall. Messrs. E. G. HENDERSON & SON, St. John's Wood, sent the following among others: **Caladium argyrites**, a beautiful little plant, with small ovately arrow-shaped leaves of a bright green, marked with large blotches and smaller flecks of pure white; **Caladium Chantini**, previously mentioned; **Begonia reginæ**, a curious dwarf sort, with fawn-coloured leaves, having a broad silvery irregular band half-way between the mid-rib and margin; **Maranta fasciata**, a dwarf compact species with glossy roundish-oblong dark green leaves, obliquely banded with gray; **Campylobotrys argyroneura**, a pretty dwarf plant, with singularly crumpled deeply-furrowed leaves, having a brown metallic lustre on their suface; **Aucuba himalaica**, a fine new evergreen shrub, with glossy green distantly pale-toothed leaves.—Messrs. A. HENDERSON & Co., Edgware Road, contributed among others the following:—**Caladium Neumanni**; leaves ovately arrow-shaped, dark green with numerous angular red spots; **Caladium argyrospilum**, similar in form to the foregoing, but with the basal lobes more rounded, dark green with white flecks.—Messrs. FRASER sent **Musschia Wollastoni**, a fine Madeira campanulaceous shrub, not yet in flower.—Mr. STANDISH, F.H.S., contributed specimens of the new hardy Chinese shrub **Exochorda**, otherwise **Spiræa grandiflora**, laden with large white flowers, untouched by the cold, although cut from an open-air bush; together with **Cynoglossum nobile**, under the name of

Myosotis nobilis, a remarkable dwarf herbaceous plant from the Chatham Islands, having large cordate plicately-ribbed leaves, and clusters of blue forget-me-not-like flowers, edged with white.

ORNAMENTAL PLANTS, introduced within ten years, in flower: 1st Prize, Messrs. VEITCH & SON, for the rare and handsome crimson flowered hardy **Philesia buxifolia**.—2nd. Mr. WOOLLEY, for **Dendrobium lituiflorum**, an elegant pale purple-flowered Indian species.—3rd. Messrs. A. HENDERSON & Co , for **Datura chlorantha**, a showy double yellow-flowered kind, with angular toothed leaves, and the habit of D. arborea.

ORNAMENTAL PLANTS, introduced within ten years, not in flower: 1st Prize, Messrs. VEITCH & SON, for **Wellingtonia gigantea**, the noble and hardy Californian conifer, known as the Mammoth Tree.—1st class Certificate, Messrs. A. Henderson & Co., for **Caladium Chantini**, previously noticed. Also, to Messrs. VEITCH & SON, for **Farfugium grande**, the yellow-blotched-leaved Chinese coltsfoot; for **Cyanophyllum magnificum**, a really magnificent melastomaceous plant with ovate-lanceolate leaves more than a foot long and six inches broad, of a fine rich velvety brownish-green, purple beneath, and with ivory-like ribs above ; and for **Olea ilicifolia**, one of the finest of hardy evergreens, having flat holly-like prickly-edged leaves ; an introduction from Japan.—2nd class Do., Messrs. A HENDERSON & Co., for **Caladium Houlletii**, a species with medium-sized ovately arrow-shaped leaves, of which the centre rib and base of the principal veins are pale red while young, this colour appearing to fade out, the green intermediate spaces being white-blotched.

Several Miscellaneous collections were contributed. Especially prominent was a fine group of ornamental-leaved and other plants, from Messrs. VEITCH & SON, in which **Theophrasta macrophylla, T. imperialis**, and **Aralia Sieboldi** were eminently conspicuous. Collections of similar plants were sent by Messrs. A. HENDERSON & Co., and by Messrs. E. G. HENDERSON & SON. Mr. HALLY, F.H.S., Blackheath, had a collection of Ferns ; and groups of the Hippeastrum race of **Amaryllids** came from Messrs. E. G. HENDERSON & SON, and Mr. GAINES, F.H.S., Battersea, who also had a large bush of **Leptospermum bullatum**, loaded with its snow-white flowers

COLLECTION OF FRUIT: 1st Prize, Messrs. WEBBER & Co., Covent Garden. This was a highly interesting collection, and contained, besides excellent home-grown fruit of various kinds, Cocoa-nuts, Sapucaya-nuts from Demerara, Ground-nuts of commerce, Litchis from China, Shaddocks and Pommeloes from the West Indies, Oranges from Adelaide in South Australia, of the sort called the **Navel Orange**, large, round, and thick-skinned, but very rich, sweet, and juicy. The plants of the latter, it appears, had been received at Adelaide from Rio ; the oranges were gathered on Dec. 15, 1858, and were eleven weeks on the passage.

PINE-APPLES, **large sorts**: 1st Prize, Mr. GILHAM, Isleworth, for **Black**

Jamaica—2nd, Mr. DAVIES, gardener to J. DIXON, Esq., Astle Park, Chelford, for a well-ripened **Black Prince**—3rd, Mr. TURNBULL, gardener to His Grace the DUKE OF MARLBOROUGH, Blenheim, for a **Prickly Cayenne.—Queens**: 1st Prize, Mr. PAGE, gardener to W. LEAF, Esq., F.H.S., Streatham—2nd, R. CRAWSHAY, Esq., Cyfarthfa Castle—3rd, Mr. GILHAM.—Mr. OATES, gardener at Stoneleigh Abbey, had a **Seedling Pine Apple**, stated to be a cross between Montserrat and Queen, and to be a good kind for winter fruiting.

GRAPES (3 bunches), **black**: 1st Prize, Mr. FROST, gardener to E. L. BETTS, Esq., F.H.S., Preston Hall, Kent, for **Black Hamburgh**—2nd, Mr. HILL, gardener to R. SNEYD, Esq., F.H.S., Keele Hall, Staffordshire, for **Black Hamburgh**—3rd, Mr. TILLYARD, F.H.S., gardener to the Right Hon. VISCOUNT EVERSLEY, F.H.S., Heckfield, Hants, for **Black Hamburgh.—White**: 1st Prize, Mr. CHALMERS, gardener to LORD SOUTHAMPTON, F.H S., Whittlebury, for **Muscadines**—2nd, Mr. TILLYARD, F.H.S., for **Dutch Sweetwater.**

CHERRIES: 1st Prize, Mr. SHUTER, gardener to the Right Hon. the EARL OF WILTON, Heaton Park, Manchester, for large and beautiful fruit of the **May Duke**—2nd, Mr. J. FLEMING, F.H.S., gardener to His Grace the DUKE OF SUTHERLAND, F.H.S., Clevedon—3rd, Mr. MCBEY, gardener to R. ELLISON, Esq., F.H.S., Sudbrooke Holme, Lincolnshire; both for **May Dukes** of good quality.

STRAWBERRIES, **two sorts**: 1st Prize, Mr. T. PARK, gardener to G. H. VERNON, Esq., Grove Hall, Retford, for **Keens' Seedling** and **Trollope's Victoria,** both good—2nd, Mr. J. CLARK, F.H.S., gardener to the Right Hon. the EARL OF DARNLEY, Cobham Hall, Kent, for **Keens' Seedling** and **Sir Harry**—3rd, Mr. TURNBULL, gardener to His Grace the DUKE OF MARLBOROUGH, Blenheim, for **Keens' Seedling** and **Alice Maud.—Single dish**: 1st Prize, Mr. R. SMITH, Twickenham, for **Sir Charles Napier**, a remarkably showy variety, the fruit being of the most brilliant vermilion, and of very large size—2nd, Mr. T. PARK, Grove Hall, for **Keens' Seedling**.

MISCELLANEOUS FRUITS, VEGETABLES, &c.: 1st Class Certificates were awarded as follow:—Mr. SPARKES, gardener to C. COLLINS, Esq., Hale Lodge, Collumpton, for **Golden Perfection** and **Orion Melons.** Mr. MONRO, Shinley Gardens, Barnet, for **Monro's Hybrid Prolific Cucumber**, evidently bred from the Smyrna, apparently a very prolific variety, the fruit growing in pairs from almost every joint, and doubtless valuable for winter forcing. Mr. IVISON, gardener to His Grace the DUKE OF NORTHUMBERLAND, F.H.S., Syon House, for **Strawberries in pots.** Mr. J. FLEMING, F.H.S., for **Figs.** Mr. T. PARK, Grove Hall, for **Beurré Rance Pears.** R. CRAWSHAY, Esq., F.H.S., for **Tom Thumb Peas**; "grown in wooden boxes in a cold house, after having been for the first three weeks in a pine-stove."

A model was exhibited by Mr. W. HUTCHISON, of Castle Malgwyn gardens, showing the principle on which his method of **Ventilating Hothouses** is to be applied. The object is to secure a proper warmth being imparted to fresh air before it can enter the plant-house. The model, at present, remains for inspection in the office of the Society, No. 8, ST. MARTIN'S PLACE, TRAFALGAR SQUARE.—Mr. SPARY, of Brighton, exhibited a new patent **Fumigator** and **Sulphurator**.

V.—GENERAL MEETING, JUNE 21.

At a meeting of the Society held in the rooms of the Society of Arts, John Street, Adelphi, on Tuesday the 21st of June, S. H. Godson, Esq., in the chair, the following gentlemen were proposed and duly elected Fellows, viz.:

Edward Perronett Sells, jun., Esq., Highbury Park, West.
Wm. Smith Dixon, Esq., 1, Dixon Street, Glasgow.
George Ferguson Wilson, Esq., Belmont, Vauxhall.
Benjamin Noakes, Esq., Hope Cottage, North Hill, Highgate.

A ballot then took place for the under-mentioned plants, which were declared to have been gained by the following Fellows, viz.:

Pinus *from Popocatapetl*, 7 Plants, 14 Applicants.

Mr. Wm. Cotterell.
Mr. Charlwood.
Mr. Fisher Godwin.
Earl of Leicester.
Mr. James Veitch, jun.
Col. Leslie.
Lady Rolle.

Pinus Regeliana, 9 Plants, 21 Applicants.

Capt. Best.
Mr. J. R. Challice.
Sir C. Lemon.
W. J. Lloyd, Esq.
J. G. Parry, Esq.
Lady Rolle.
Rev. T. Stainforth.
Mr. J. Veitch, jun.
Lord Vernon.

Pinus Calabra, 13 Plants, 31 Applicants.

Mr. W. Barron.
W. Childers, Esq.
Arthur Currie, Esq.
Sir P. Egerton.
A. S. Gladstone, Esq.
Robt. Hanbury, Esq.
Wm. Hunt, Esq.
Lady Rolle.
C. B. Warner, Esq.
Earl of Scarborough.
Mr. J. Shaw.
Mr. J. Veitch, jun.
Lord Vernon.

Pinus Brutia, 17 Plants, 28 Applicants.

Capt. Best.
Robt. Capper, Esq.
Mr. J. R. Challice.
Fredk. Chatfield, Esq.
Sir Philip Egerton.
J. Fielden, Esq.
Mr. J. Garaway.
Dr. Henderson.
Wm. Hunt, Esq.
Mr. J. Ivery.
Rev. W. B. Lee.
Col. Leslie.
Earl of Scarborough.
Mr. J. Shaw.
Sir W. C. Trevelyan.
Lord Walsingham.
Lady C. Wellesley.

Wistaria sinensis alba, 30 Plants, 53 Applicants.

Edw. Banks, Esq.
J. E. Bartlet, Esq.
E. Brown, Esq. (Oakhill.)
W. F. Lindsay Carnegie, Esq.
R. Crawshay, Esq.
Lord Egerton of Tatton.
W. J. Etches, Esq.
Hon. F. L. Gower.
James Heywood, Esq.
W. H. Hughes, Esq.
Col. Mason.
P. Nelson, Esq.
G. H. Packe, Esq.
A. F. Paxton, Esq.
W. J. Phelps, Esq.
E. P. Richards, Esq.
Col. Richardson.
G. S. Ridgway, Esq.
R. Rogers, Esq.
Sir F. Shuckburgh.
J. S. Smith, Esq.
A. J. R. Stewart, Esq.
J. Straith, Esq.
Lady L. Tennisson.
J. N. Walker, Esq.
Lord Walsingham.
J. C. Whiteman, Esq.
Miss Wilson.
G. Wood, Esq
J. Deacon, Esq.

The following plants, of which there was a sufficient number to supply all the Fellows who applied for them, were distributed as follows :—

	Applicants.		Applicants
Pinus Don Pedri	93	Bambusa gracilis	33
Abies, sp. from Mexico	15	Platycodon chinensis	21
Cupressus Macnabiana	49	Seedling Camellias	41
Cupressus Lawsoniana	67	Buddlea, sp. from Peru	18
Pentstemon, from Mexico	47	Sida malvæfolia	18
Veronica decussata Devoniana	31	Clematis microphylla, var. leptophylla	26
Aralia japonica	15	Seeds of Sikkim Rhododendron	41
Eurybia quercifolia	9		
Pomaderris phillyræfolia	10		

VI.—SPECIAL GENERAL MEETING, JULY 7.

[Kensington Gore.]

A Special General Meeting of the Society was held in the rooms of the Society of Arts on Thursday, July 7, at 11 A.M., to consider an arrangement with her Majesty's Commissioners of the Exhibition of 1851, for Leasing to the Horticultural Society twenty acres of ground at Kensington Gore, for the purpose of constructing a magnificent Horticultural Garden upon the spot. The Right Hon. the Earl of Ducie, V.P., occupied the chair.

The following document was circulated among the Fellows of the Society in explanation of the matter in reference to which they had been specially assembled :—

REPORT OF THE COUNCIL ON THE PROPOSED NEW GARDEN AT KENSINGTON GORE, JULY 7, 1859.

The Council of the Horticultural Society have thought it desirable to call the present Special Meeting of its Members, in order to explain the steps taken by them with a view to obtaining a locality in the immediate neighbourhood of the metropolis, where some of the objects of the Society might be pursued on a large scale with great advantage. They now proceed to state their views for the future, in the confident hope that the course which they think it their duty to recommend for the future adoption of the Society, will meet with its hearty approval and concurrence.

It is scarcely necessary to recur to the reasons which led the Council to the conclusion that it was inexpedient to continue the annual exhibitions at Chiswick. Successful and attractive as those

exhibitions once were, it seemed evident to the Council that it would not only be to the pecuniary advantage of the Society, but that their means of usefulness as a scientific body would be greatly extended if they could obtain sufficient space for the prosecution and development of their objects in the more immediate neighbourhood of London.

In seeking for such a situation, the attention of the Council was naturally attracted to the finely situated estate purchased by the Commissioners for the Exhibition of 1851, out of the surplus proceeds of that Exhibition; and it appeared to them that the grant by the Commissioners of a certain portion of that estate to the Society would be strictly compatible with, and might even tend largely to promote the means of encouraging Art and Science generally, the furtherance of which was known to be the object for which the Commissioners were incorporated by Royal Charter.

The Council of the Society, therefore, some time since made an application to the Commissioners of 1851, in order to ascertain how they would be disposed to regard a request from the Horticultural Society for permission to establish itself upon their estate.

The Commissioners have met this request in a liberal spirit, and it will be the duty of the Council to lay before the present Meeting the conditions on which the Commissioners have announced their readiness to comply with it.

It may be as well, however, first to point out the situation of the estate, and more particularly of that portion of it which the Commissioners are willing to place at the disposal of the Horticultural Society.

After letting on building-leases certain outlying portions of their estate, the Commissioners have reserved about fifty acres for the purposes of their Incorporation, forming a parallelogram between the two new roads: Prince Albert Road (one hundred feet wide) to the West, and Exhibition Road (eighty feet wide) to the East: which two roads connect the Kensington Road on the North with the new Cromwell Road (eighty feet wide) on the South. Of this parallelogram, the Commissioners have reserved a portion of about sixteen acres at the South end for the purposes of the Great International Exhibition, which had been projected by the Society of Arts for the year 1861—the intention of holding which has, it is hoped, been but temporarily suspended by the war now unhappily raging; also a portion at the North end, with a frontage to Hyde Park, well adapted for any public buildings which

it may hereafter appear desirable to erect there; and further spaces of about one hundred and fifty feet in depth along each of the parallel roads running North and South, for such buildings, public or private, as the Commissioners may hereafter, in the prosecution of their own objects, determine to erect.

It is the remainder or centre of this ground that the Commissioners, under certain conditions, have offered to place at the disposal of the Horticultural Society. This space, inclusive of a proposed Winter Garden, and also of Italian Arcades with which the Commissioners themselves propose to surround it, will contain about twenty acres available for the new Garden of the Society.

The conditions on which the Commissioners have made their liberal offer will be communicated in the course of the Meeting. The main provisions are, that the Society shall engage to lay out and maintain the Garden in a fitting style, and that it shall also erect a Conservatory, or Winter Garden—the whole at a cost estimated at 50,000*l*., and should the offer be accepted, the Commissioners will be prepared to grant the Society a lease of the ground for thirty-one years, and further, as before stated, to surround, at their own expense, the space allotted for the Garden with Italian Arcades open to the grounds and built at their own expense at an estimated cost of 50,000*l*.; the conditions as to the payment of interest on any sum so expended not exceeding 50,000*l*., and as to the amount of rent to be paid by the Society, being of the most liberal nature.

The great advantages of the site proposed are obvious. The Garden will be in the immediate neighbourhood of Hyde Park and Kensington Gardens, and in the very centre of a new and rapidly rising town of first-class houses which bids fair to become one of the most popular and fashionable districts in London. The shape and situation of the ground which slopes gradually from the North to the South, admits of the formation of successive terraces on different levels, affording peculiar facilities for effective and ornamental treatment, and is well adapted besides for the effective display of sculpture; while a fine Winter Garden at the upper end, and a colonnade extending round it, will afford a promenade of three-quarters of a mile in length, sheltered from heat and cold, wind and wet. The Colonnade will also offer peculiar facilities for the display of the Flowers and Fruit at the Annual Shows, free from all those risks of weather which have not unfrequently marred the Chiswick Fêtes.

Bearing all these advantages in mind, the Council have no manner of doubt, that with the hearty support and co-operation of the Royal Commissioners which have been so liberally promised to them, they will be enabled, while keeping steadily in view the scientific objects of the Society at Chiswick, to make this garden, with the periodical exhibitions which they propose to hold in it, one of the most attractive places of popular resort in the neighbourhood of London; and they will have the satisfaction of knowing that they have provided for the metropolis a place for healthful recreation during the more inclement season of the year.

Plans and designs for the Winter Garden, and for laying out of the ground, as prepared and agreed upon in conjunction with the Royal Commissioners, are now hung up in this room,* and a careful estimate of the probable cost has convinced the Council that, as at present prepared, these plans may be carried into effect for the sum named. But it should be borne in mind, that the more liberal the support which the Society shall meet with, and the nobler the scale on which the designs for this garden are framed and executed, the greater will be the prospect, not to say the certainty, of a successful and remunerating result.

Should the General Meeting adopt the views of the Council, the question will then arise, as to the mode of raising so large a sum as 50,000*l*.

The Council believe that this may be effected by the issue of a certain number of Life Memberships; but as the success of the undertaking will in some measure depend upon the vigour with which it is undertaken, and it is of importance that the works should not be in any way delayed in their completion, if once determined on, it will be requisite to obtain the money immediately required for the progress of the works by the issue of debentures, bearing interest at 5 per cent., to be redeemed as the receipts from Life Memberships become available. Donations in aid of the undertaking will at the same time be thankfully accepted by the Council, and they will be prepared to extend to the donors of sums exceeding Twenty Guineas, privileges similar to those possessed by Members. Had the Council been inclined to make the project a mere commercial speculation, and to place it in the hands of a Company, there is little doubt that thrice the sum now demanded would have been speedily obtained. But the

* Great room of the Society of Arts, John Street, Adelphi, W.C., London.

Council felt that such a course would have been derogatory to the character and objects of the Society; nor would the support and co-operation of the Royal Commissioners of 1851 have been extended to such a mere money speculation. They, therefore, prefer resting their hopes of success in the course proposed, and in the desire which will be generally felt to promote the accomplishment of a scheme so advantageous to the Fellows and the public, and so conducive to the important objects for which the Society was chartered; and they entertain no doubt that their confidence in the support of the public will be justified by the result.

The Council propose to keep up the experimental part of Chiswick Gardens, and also so much as may be required to furnish decorative plants for the new garden at Kensington Gore.

The Noble Chairman introduced the business by some remarks on the state and prospects of the Society, and dwelt upon the advantages likely to result from the adoption of the proposal now brought before the Fellows.

The Secretary made a detailed statement of the negotiations which had taken place between the Council of the Horticultural Society and her Majesty's Commissioners of the Great Exhibition. The official letter of the Secretary of the Royal Commissioners, containing their offer, as follows, in reply to a communication from the Society, was read, and a general description of the proposed plans was given, illustrated by numerous drawings, which were suspended in the meeting room:—

Whitehall, July 4th, 1859.

Sir,—I am directed by H. M.'s Commissioners to acknowledge the receipt of your letter of the 26th January last, inquiring on behalf of the Council of the Horticultural Society whether the Commissioners would be willing to receive a proposal from the Society for renting the central portion of the main square of the Commissioners' estate at Kensington Gore, and if so, upon what terms. H.M.'s Commissioners direct me to acquaint you in reply, for the information of the Council of the Society, that they have delayed answering this communication up to the present time because of their anxiety to give the proposal in question all the consideration which its importance deserves, and to investigate how far its adoption could be made to contribute towards the development of the general objects for which they are incorporated. The result of their inquiries has been to satisfy them that the proposal of the Society offers opportunities of realising a plan worthy of the metropolis and advantageous to the public, whereby on the one hand the special science of horticulture may be advanced, and on the other the general interest of science and art promoted. The Commissioners accordingly contemplate setting apart for this purpose the central portion of the main square of the estate, as desired by the Society, to the extent of about 20 acres, and inclosing that area by arcades of an architectural character. As respects the purposes to which the above-mentioned enclosed space and arcades respectively should be applied, so far as relates to the

use to be made of them by the Society, the Commissioners consider that the ground should be laid out as an ornamental garden, with the necessary accompaniment of terraces, steps, fountains, &c., and with the addition of a conservatory or winter garden at the north end, the whole to be executed in conformity with plans approved by the Commission ; whilst the arcades would afford at all times a protection from the weather to the visitors to the Gardens, and the upper portion of them afford a most favourable site for the Flower Shows of the Society. The arcades, whilst being complete in themselves and enclosing the Gardens, would at once serve to unite into a harmonious whole any buildings that may be hereafter erected between them and the main roads of the estate in furtherance of the general objects of the Commissioners, and to secure those Gardens against any future interference or encroachment, as the Commissioners' objects just referred to are gradually developed. The cost of executing the whole of these works, so far as it has yet been possible to estimate them, would be 100,000*l.*, a moiety of that sum representing the cost of the arcades and of the earthworks, and the other moiety the cost of erecting the conservatory and laying out the grounds as before mentioned. In the event of the Horticultural Society being willing to incur the expense of the latter, or horticultural portion of the works, and succeeding in raising the requisite amount within a period of six months from the present time, H.M.'s Commissioners will on their part be disposed to execute at their own expense the former or architectural part, together with the earthworks necessarily preparatory to the laying out of the Gardens. The Commissioners will also be prepared, in the event of the Society agreeing to the above proposed division of the contemplated works, to grant to the Society a lease of the 20 acres in question for a period of 31 years, subject to the payment by the Society to the Commissioners of an annual rental on the following basis :—The rent to be ascertained with reference to the receipts of the Society in each year (that is to say)—There shall be first deducted from the sum of the gross receipts (1) such a sum as shall be allowed by a committee hereinafter mentioned in respect of expenses ; and (2) the amount which may be payable by the Society for interest of any money not exceeding 50,000*l.*, borrowed by them for the works on the land. The rent shall be in the first place a sum equal to the interest payable on any principal money not exceeding 50,000*l.*, which may be borrowed by the Commission, and expended on works on the land, or so much of this interest as the surplus receipts after the allowed deductions amount to. And if the surplus exceeds this interest, a further sum equal to a moiety of the residue. For the purpose of regulating the amount to be deducted by the Society in each year for expenses, a committee of six persons shall be annually appointed, three by the Society and three by the Commission, such committee to select the chairman from among the three nominees of the Commission, the chairman to vote on all occasions, and in case of equality of votes to have a casting vote in addition. H. M.'s Commissioners, bearing in mind their responsibility towards the Crown and their public duty, feel it incumbent upon them further to stipulate that a general veto with regard to the management of the ground leased to the Society shall be reserved to the Commission : at the same time it is to be understood that the terms above specified are subject to be modified in such manner as shall be deemed necessary by the legal advisers of the Commission, to prevent the implication of a partnership between the Commission and the Society. In the event of the Horticultural Society being prepared to assent to the general principles above indicated, it will afford H.M.'s Commissioners much pleasure to confer with the Council of the Society, for the purpose of settling the details of an agreement upon that general basis.—I have the honour to be, your obedient servant,

Dr. Lindley, F.R.S. (Signed) E. A. Bowring.

An active discussion followed, in the course of which several resolutions and amendments were brought forward. It was finally resolved, on the motion of Mr. H. Pownall:

That the thanks of this meeting be given to the Council for the information afforded, and that they be requested to continue the negotiations, reporting progress to another meeting.

Some more decided expression of the feelings of the Fellows being desired by the Council, a resolution:

That this meeting approves generally the plan of the Gardens at Kensington Gore, and requests the Council to continue the negotiation with the Commissioners, and report as early as possible to the members of the Society the final proposals of the Commissioners:

was moved by Mr. Pownall, seconded by Mr. Parker, and carried unanimously.

The Chairman then read an official letter from Colonel Phipps, conveying an intimation that her Majesty and his Royal Highness the Prince Consort would actively patronise the undertaking. It was moved by the Duke of Leinster, and seconded by Mr. F. North:

That the thanks of the Society be respectfully tendered to Her Most Gracious Majesty, His Royal Highness the Prince Consort, and Her Royal Highness the Princess Royal of England, for the interest they have been graciously pleased to express in the welfare of the Society.

After a vote of thanks to the noble Chairman, and another to the Society of Arts for the use of their room, the proceedings terminated.

A Second Special General Meeting was held in the room of the Society of Arts, on Wednesday, July 20th, at 11 a.m., "for the purpose of further considering an arrangement with Her Majesty's Commissioners of the Exhibition of 1851, for leasing to the Horticultural Society 20 acres of ground at Kensington Gore."

The Right Hon. the Earl of Ducie, V.P., who took the chair, stated briefly that some amplification of the proposed lease had been communicated to the Council. He also mentioned, that although no exertions had been used, yet funds in support of the object for which they were assembled, had already been subscribed to the amount of £11,000.

The Secretary, after adverting to the terms of the original proposal of the Royal Commissioners, in which their intentions at the end of the proposed 31 years' lease were not explained,

read the following official letter from Mr. Bowring, containing further proposals:

Whitehall, July 18th, 1859.

SIR,—I am directed by her Majesty's Commissioners for the Exhibition of 1851, to acknowledge the receipt of your letter of the 14th inst., in which you inquire with reference to the proposed lease to the Horticultural Society of a portion of the Kensington Gore estate for a period of 31 years, what is the position which the Commissioners contemplate assuming at the expiration of that term, and whether they will then be willing to renew the lease to the Society, if the management shall have been satisfactory to the Commissioners and the public. In reply, I am to acquaint you for the information of the Council of the Horticultural Society, that being anxious to meet their wishes as far as possible, her Majesty's Commissioners will be prepared to add to the arrangement with the Society proposed in their letter of the 4th inst., stipulations to the following effect:—Upon the Society giving to the Commissioners two years' notice previous to the expiration of the lease, the lease shall be renewed for a further period of 31 years upon the same conditions as to rent, management, &c., as those already proposed by the Commissioners with reference to the original lease. Her Majesty's Commissioners, however, reserve to themselves a power to decline so to renew the lease, upon taking upon themselves the responsibility of any of the Debentures now proposed to be issued by the Society that may be outstanding at the expiration of the 31 years, to any extent not exceeding a *maximum* of 20,000*l.* On the other hand, with a view to reducing as far as possible the Debenture debt above alluded to, the Society shall agree to devote in each year, during the continuance of the lease, not less than 50 per cent. of their moiety of the net surplus balance of receipts (after the Commissioners' claim for rent as set forth in my former letter is satisfied) to the purpose of paying off outstanding Debentures. In the event of the Society being unable for any period of five consecutive years, during the first term of 31 years or during the renewed term, if there be one, to pay the interest on the 50,000*l.* proposed to be borrowed by the Commissioners (and which interest, according to the original proposal of the Commissioners, is to be a second charge on the net receipts of the Society), the Commissioners to have the right of re-entry without payment of compensation to the Society. Her Majesty's Commissioners have lastly to stipulate that the Society shall not underlet or dispose of their lease, either during the original or the extended term, without the consent of the Commissioners being previously obtained.—I have the honour to be, sir, your obedient servant,

(Signed) EDGAR A. BOWRING.

After considerable discussion, in which the particular privileges to be attached to the different descriptions of life-Membership, and especially the questions of re-entry by the Royal Commissioners, as raised by the new proposals, and the fate of the Gardens at Chiswick, were canvassed, the following resolution, proposed by Sir PHILIP GREY EGERTON, and seconded by the DUKE OF LEINSTER, was carried unanimously:

That this meeting approve of the steps already taken by the Council, authorise the negotiations with the Royal Commissioners to be continued, and empower the Council to proceed to raise the sum required for the construction of a Garden at Kensington Gore, and, if the money shall be obtained, to complete the arrangements.

Sir JOSEPH PAXTON then moved, and Mr. J. CLUTTON seconded, the following resolution, which was carried with but one dissentient:

That the Council be instructed not to accept the clause about re-entry in case of failing to pay interest for five years, and that in the event of the Commissioners cancelling the lease an equitable adjustment of mutual interests be made.

A vote of thanks to the Noble Chairman, and another to the Society of Arts for the use of their room, were carried unanimously.

VII.—REPORT OF THE FLORAL COMMITTEE.

July 7, 1859. (*Preliminary Meeting*).—The Rev. JOSHUA DIX *in the Chair.*

Extracts from the Minutes of the Council, originating the Committee, having been read, the Members present proceeded to frame the following Regulations for the guidance both of the Committee and of exhibitors.

I. The Floral Committee of the Horticultural Society has before it the following objects: To examine and to report upon the merits of such New Plants and Flowers, whether imported species or seedling florists' varieties, as may be submitted for that purpose.

II. These objects the Committee will carry out by holding Meetings for the examination of flowers and plants, and by publishing reports of its Transactions as speedily as possible, in the monthly "Proceedings" of the Society.

III. The necessary expenses incurred in carrying out these objects shall be defrayed from a fund provided by the Council, and placed at the free disposal of the Committee.

IV. The Committee will meet at the Society's rooms (8, St. Martin's Place, Trafalgar Square, London, W.C.), on the second and fourth Thursdays in the months of April, May, June, July, August, and September, and on the second Thursday in the months of January, February, March, October, November, and December, unless otherwise appointed. The chair to be taken at 2 P.M. Extra Meetings may be held if necessary at the discretion of the Chairman and Secretary.

V. The business of the Meetings shall be transacted in the manner and order following:—1. Minutes of previous Meeting read and confirmed; 2. Letters addressed to Chairman or Secretary, including notices of motion, read; 3. Motions of which notice has been given at a previous Meeting, considered; 4. New plants and flowers examined, and reported on.

VI. All persons, whether Fellows of the Society or not, are invited to send their NEW PLANTS AND FLOWERS for examination. A report containing an announcement of the awards made at the several Meetings, to be sent to the respective exhibitors as soon as it appears in the Society's "Proceedings."

VII. All subjects for the consideration of the Committee are to be delivered free at the place of meeting, not later than 1 P.M. on the respective meeting days; and all necessary particulars respecting them are to be forthwith communicated, in writing, to the Secretary.

NOTE.—The name and post address of the exhibitor; the name of the flower if a seedling; and that of the native country if an importation, will be considered essential particulars. Exhibitors are invited to communicate such further details of the origin or introduction or peculiarities of their plants or flowers as they may think interesting for publication.

VIII. The merits of the subjects exhibited shall not be discussed or decided on in the presence of the owners, or interested exhibitors thereof.

IX. Sufficient examples of every subject exhibited, to enable the Committee to form a fair opinion of its qualities, are to be produced. In all practicable cases, the growing plant will be required.

X. The subjects of exhibition will be entered by the Secretary in the order in which the particulars mentioned under Rule VII. are furnished to him, and they will be examined by the Committee in the same order. Each kind will have to be separately numbered; and all seeding flowers *must* be named, as a means of future recognition. If not named, they will be passed over.

XI. Newly imported or other new species of plants, not florists' varieties, will have to be submitted to the botanical advisers of the Committee, that they may be correctly named. Exhibitors of this class of plants will greatly facilitate the operations of the Committee by forwarding, whenever practicable, previous to the day of meeting, materials for this purpose; such materials to be sent to the Society's rooms, addressed to "The Botanical Advisers

of the Floral Committee." If not so done, provision must be made for this object at the time of meeting.

XII. Honorary Certificates of the First Class, and Commendation Cards will be awarded, at the discretion of the majority of the Members present, to such of the subjects exhibited before them as may be thought deserving thereof.

XIII. All new plants flowered in the Society's garden are to be submitted to the Floral Committee, for its opinion on their merits.

XIV. All packages of plants or flowers must be delivered *carriage free*, and must be forwarded at the risk of the sender. The subjects, whether plants or cut flowers, will be delivered up at the close of the Meeting to the owners thereof, or to such persons as may be duly authorised to receive them. If left, it will be at the entire risk of the senders.

XV. The Committee will hold the power of examining with all necessary minuteness the subjects submitted for its opinion.

XVI. Exhibitors of seedling florists' flowers, and others, will facilitate the working of the Committee by the production of specimens and collections of known varieties to serve as references, and for comparison with new flowers.

The following miscellaneous Plants and Flowers were then examined :—

Pteris argyræa:—from Messrs. VEITCH & SON, of Exeter and Chelsea. This new fern proved to be a most beautiful object of an entirely distinct character, being the first well-marked variegated fern introduced to cultivation. The Committee unanimously awarded it a FIRST CLASS CERTIFICATE OF MERIT, as being an entirely novel and exceedingly ornamental plant. It has been introduced from Central India. Habit vigorous; fronds 5 ft. long, including the stout stipes, which is scaly below, and occupies about half of the entire length; ovate in outline, about two and a half feet wide at the base; pedately bipinnatifid, the two lower pairs of pinnæ usually, sometimes the third also, having a posterior basal branch; segments of the pinnæ obtusely linear subfalcate, 1¼ in. long, somewhat wavy, spinulose on the upper rachis, the terminal one caudate. The peculiar beauty of the fern is owing to the base of each segment, for a quarter of an inch or more of its length, being of a silver-grey colour, so as to produce a broad silvery stripe about three-quarters of an inch in breadth down the centre of each of the pinnæ and of their

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branches. It is a most valuable addition to our garden ferns.

Lygodium polystachyum:—from Messrs. VEITCH & SON. Awarded a FIRST CLASS CERTIFICATE OF MERIT. It is a very ornamental and distinct habited fern, introduced from Central India, but a native also of Penang. It produces branches in pairs at short distances along its slender stipes and rachis, and these branches are ovate in outline, with a smaller lateral branch often proceeding from their base, bipinnatifid, with oblong-obtuse segments, giving it an appearance quite unlike that of other species of the genus. The fructification is concealed by imbricating bracts produced on the under surface of the segments, and does not usually form spikelets projecting from the margins of the segments of the branches, as in most other kinds.

Chamæbatia foliolosa:—from Messrs. VEITCH & SON. A dwarf shrub, reputed hardy and evergreen. Being yet of small size, it was thought desirable that, before deciding on its merits, plants from the open air should be submitted for examination at the meetings to be held in February or March, when its qualities would be more developed. The foliage is exceedingly elegant, ovate in circumscription, tripinnatisect, and having a strong resinous Cistus-like odour when rubbed; the numerous crowded segments are small, oblong-obtuse, entire. The plant is described as growing a foot high, erect, branched in the upper part. The white flowers, of the size of those of *Rubus saxatilis*, are borne in cymes at the ends of the branches. Mr. Veitch states that at Exeter this plant had proved quite hardy and evergreen, the seed having been sown last year in open nursery beds. Mr. Bentham remarks of it:—"Planta foliis et odore inter Rosaceas insignis."

"**Calla, sp." Natal**:—from Messrs. VEITCH & SON. This was apparently a small growing species of *Calla*, having the habit, foliage, and general appearance of *C. æthiopica*. The flower-spathes were rather small, not much expanded, pale yellow within, with a dark stain at the base, veined with green outside. It was considered a very distinct kind, but the final decision on its merits was deferred until it should have been again produced in a more established condition. The flowers were too far developed for botanical examination.

Spraguea umbellata:—from Messrs. VEITCH & SON. A new hardy annual, belonging to the order of Purslanes, introduced from California. It has been described and figured by Dr. Torrey

(*Pl. Fremont.* 4, t. 1). The plants are rosulate in habit, and are furnished with spathulate fleshy leaves, from among which issue lax flower-stems six to twelve inches high, terminating in crowded umbels of short, slightly scorpoid spikes, which are crowded with the small four-petaled rosy-lake flowers; the calyx consists of a pair of large white scarious persistent sepals, which appear to be very enduring. The autumn grown plants were reported to have stood through the winter, in the open ground, at Exeter, without protection, and to be flowering in great beauty. The plant was COMMENDED, as a very elegant dwarf flowering species, of novel character, well adapted for rockwork, and the margins of flower borders.

Begonia Marshallii:—from Mr. COLE, of Withington, near Manchester. This was one of the varieties, now so numerous, bred from *B. Rex*, and was considered a very ornamental kind, but too nearly resembling others in cultivation; the silvery band occupying the space between the central rib and the margin was broad, showing the dark veins of the centre very distinctly, and the dark border was rather more broken up by silvery dots and blotches than in other kinds of similar character.

Gazania splendens:—from Messrs. E. G. HENDERSON & SON, Wellington Road, St. John's Wood. This was a showy plant, the leaves spathulate or slightly lobed, and white beneath; in this respect, and in general character, the plant resembled *G. uniflora*, only that it was dwarfer and much more compact in habit. The flowers were large rich orange-yellow, the base of the florets having a dark-brown blotch with a white spot in its centre, these blotches collectively forming a dark ring around the disc. The plant comes near *G. rigens*, but is apparently distinct, and possibly may be a mule between *G. rigens* and *G. uniflora*. It was COMMENDED as a novel and showy bedding plant, useful on account of its rich orange-yellow flowers.

Dianthus sinensis, var. Heddewigii:—from Messrs. E. G. HENDERSON & SON. This new race of Japanese Indian pinks, of which a collection was exhibited, is remarkable for the large size of the flowers, which are upwards of 2 inches in diameter, and richly coloured in various shades of crimson, rose-colour, and white, some of the plants producing self-coloured flowers, and others being elegantly marked. The blossoms are single, but rich, varied, and extremely ornamental. There is no material or permanent difference between the varieties named *Heddewigii* and *giganteus*, the seed of each, Messrs. Henderson state,

producing either. COMMENDED as being highly ornamental plants for flower-garden decoration.

Some other miscellaneous plants were exhibited. The most remarkable were—from Messrs. E. G. HENDERSON & SON; *Caladium argyrites*, *C. Chantini*, and *C. Houlletii*, all very beautiful new Araceous plants, the two former especially; *Gesnera Donckelaari*, a remarkably handsome Gesnerad, together with *G. Miellezi*, and *G. gloxiniæflora*; *Gardenia citriodora*; *Petrophila pulchella*, a Protead with bipinnatifid leaves composed of linear-subulate leaflets. Also, from Mr. VEITCH, the dwarf variegated Bornean *Pothos argyræa*.

The following Florists' flowers were exhibited and rewarded:—

Carnation, Sir H. Havelock:—from Mr. C. TURNER, of Slough. FIRST-CLASS CERTIFICATE OF MERIT; a scarlet-flake variety of first-rate properties.

Picotee, Rival Purple:—from Mr. C. TURNER. COMMENDED as a good and useful flower; a heavy purple-edged variety.

Picotee, Rev. A. Mathews:—from Mr. C. TURNER. COMMENDED as a good and useful flower; a heavy rose-edged variety.

July 28. The Rev. JOSHUA DIX *in the Chair.*

The subjects exhibited on this occasion were very numerous and of much interest. The Hollyhocks, in particular, were remarkably fine. The miscellaneous plants were the following:—

Selaginella Lobbii:—from Messrs. VEITCH & SON. This species is of tall-growing habit, the main stems producing alternate branches, which, from being quite flat and pinnately branched, and having the branchlets close-placed, have much resemblance to fern fronds; these branches are of a fine blue metallic tint, similar to that which occurs in some other species of this family. It was awarded a FIRST-CLASS CERTIFICATE OF MERIT, as a new and extremely ornamental Lycopod.

Selaginella atroviridis:—from Messrs. VEITCH & SON. This is a distinct-looking species, green, with flabellately-arranged branches, which are ramified in a dichotomous manner, and recurved at the tips; it appears to be a dwarf kind, and to have most resemblance in habit to the kind known as *S. Pœppigiana* in gardens, but is quite distinct from that and every other kind. It was COMMENDED as a useful addition to the family of Lycopods.

Musschia Wollastoni:—from Messrs. VEITCH & SON. This

is a botanical curiosity, rather than an ornamental plant; but its habit is stately, and this, together with its bold foliage, will adapt it for large greenhouse conservatories, where plants of remarkable structure are preferred. Its upright stem, furnished with long lance-shaped doubly-serrated leaves, terminates in a fine pyramidal panicle of flowers, the horizontal or somewhat recurved branches of which ramify, and bear the numerous blossoms standing erect from their upper side. The flowers have a narrow tube of moderate length, and longer recurved limb-segments, and are of a dirty purplish-stained buff.

Messrs. VEITCH & SON also had **Cattleya elegans,** a showy kind, with purple-tinted veiny petals and a rich dark purple lip; and **Tradescantia odoratissima,** a stove species, with purple-tinted leaves and blue fringe-petaled flowers.

Delphinium formosum:—from Messrs. PARKER & WILLIAMS, Holloway. A curious, monstrous variety of this, one of the most showy of hardy herbaceous plants, was shown. The sepals, which are normally coloured in this genus, had in this case acquired the common leafy condition of a calyx, retaining much of their usual form; the petals were coloured.

Sinningia affinis:—from Messrs. PARKER & WILLIAMS. This was shown, to illustrate a curious fact in hybridising. The plant was of dwarf habit, but had all the character and habit of *Sinningia;* the flowers, which were of a dull purple, having an angular ovary. It was raised, along with about three hundred others similar in character, from seeds of the erect-flowered variety of *Gloxinia,* named Madame Picouline, which had been fertilised with *Sinningia guttata.* Not one of the progeny resembled the female parent, which was shown, along with the hybrid, for comparison.

Clarkia pulchella, *var.* **integripetala**:—from Messrs. CARTER & Co., High Holborn. This variety differs from the old *Clarkia pulchella,* which it resembles in habit, in having the petals broad and entire, instead of being cut into narrow segments; it is consequently more showy, and seems likely to prove a handsome purple-flowered annual. It was COMMENDED; the increased breadth of petal being regarded as an improvement on the original kind.

Panicum capillare:—from Messrs. CARTER & Co. A free-growing much-branched dwarf annual ornamental grass, remarkable for the gracefulness of its spreading panicles, composed of numerous capillary or hair-like divisions. It was COMMENDED

as a desirable popular addition to a class of plants now deservedly coming into favour, on account of the remarkable elegance of their inflorescence.

Nigella hispanica, new dark purple, and new white :—from Messrs. Carter & Co. These varieties were both large-flowered. The purple kind is especially deserving of notice as a fine showy annual; the flowers are of a dark violet purple, shaded with maroon.

New Orange French Marigold :—from Messrs. Carter & Co. A very showy variety; the flowers of a rich clear orange. It was much admired.

Yellow Tom Thumb Nasturtium :—from Messrs. Carter & Co. This variety has the dwarf compact habit of the kind known as Tom Thumb, and produces, like it, a profusion of flowers, which are here of a clear golden yellow. A new Bronze Nasturtium, shown with this, was remarkable for the curious livid colour of its dingy flowers.

Capt. Clarke's Blue-edged Sweet Pea :—from Messrs. Carter & Co. A light coloured pink-and-white Sweet Pea, faintly mottled and margined with blue.

Messrs. Carter also showed **Linaria speciosa,** a new dark kind, deeper in colour than the old variety; a new lilac **Schizanthus gracilis ;** a new rose-coloured **Lobelia gracilis,** which is the same as that called *L. Lindleyana* on the continent; and the showy **Dianthus sinensis Heddewigii.**

Mr. G. M'Intosh, of Hammersmith, showed four kinds of *Lantana*, a finely-bloomed *Plumbago capensis*, and *Gomphocarpus fruticosus*, called *salicifolius*, a fine old greenhouse shrub, bearing a profusion of its drooping umbels of white Asclepiadaceous flowers.

The remainder of the subjects exhibited consisted of Seedling Florists' Flowers, of which the following received awards :—

Hollyhock, Leonora :—from Mr. W. Chater, Saffron Walden. First-Class Certificate of Merit; a bold well-filled flower, with fine guard petals; mottled rose, shaded with fawn colour.

Hollyhock, Brunette :—from Messrs. Paul & Son, Cheshunt. First-Class Certificate of Merit; a large, full, bold variety; dark crimson, remarkable for the smoothness of its petals.

Hollyhock, Perfection :—from Messrs. Paul & Son. Commended; mottled pale lilac; rather small, but very globular, the guard petals small.

Hollyhock, Harriet :—from Mr. W. Chater. Commended;

colour, a soft lilac, with a mauve tint; rather thin in texture; guard petals moderately developed.

Hollyhock, Warrior :—from Mr. W. CHATER. COMMENDED; colour bright vivid crimson; fine guard petals and a well-formed full flower.

Hollyhock, Joshua Clarke :—from Mr. CHATER. COMMENDED; colour crimson; large and very full; the cut flowers of this were considered so fine that it was thought it might have received a first-class award, if a spike of bloom had been shown.

Hollyhock, Exhibitor :—from Mr. W. CHATER. COMMENDED; colour bright rose; large and full.

Hollyhock, Novelty :—from Mr. W. CHATER. COMMENDED; one of the mottled class, the ground being dull purple-crimson, and the light parts mottled and edged with blush.

Hollyhock, Countess-Dowager Jane Somers :—from Mr. W. CHATER. COMMENDED; colour canary yellow.

Fuchsia, Solferino :—from Mr. G. SMITH, Hornsey Road, Islington. COMMENDED for its dwarf free-flowering habit, combined with good properties. The variety is in the style of *Souvenir de Chiswick;* tube short, sepals reflexed, both crimson; corolla deep purple; bud oval.

Verbena, Clara :—from Mr. PERRY, Birmingham. COMMENDED for its fine form and delicacy of colouring; colour pale peach, with lemon-coloured eye; truss large.

Dahlia, Miss Sarah Boyce :—from Mr. RAWLINGS, Bethnal Green. COMMENDED; colour white, tipped with purple; medium size, neatly cupped, and of good outline. It was considered a highly promising variety, likely to improve as the season advanced.

There were also exhibited :—from Mr. TURNER, of Slough: hybrid bedding **Pelargonium, Perpetual,** a rather small vivid crimson variety, with white centre and small blotch on the upper petals, evidently bred from the French varieties; further evidence of its bedding qualities was desired. Also a stand of cut Verbenas, for comparison.—From Messrs. PAUL & SON: **Hollyhock—Nebulum, Loveliness,** a fine clear light rose; **Carnea superba,** rose pink; **Fair Maid of Perth, Purpurea compacta, Victory, Virgin Queen, Striata, Butterfly,** and **Advancer,** a compact dark mottled purplish lilac.—From Mr. PERRY: **Verbena—Julia, Lizzie, King of Verbenas, Lilacina, Odorata superba.**—From Mr. G. SMITH; **Fuchsia, Alaric,** a distinct and showy kind, remarkable for its angular globular bud; sepals very broad, short,

and expanding, rather dull crimson; corolla large, deep purple; dwarf and free-flowering in habit.—From Mr. CHATER: **Hollyhock, Rose Celestial,** a handsome large full pink variety, with fine guard; **Euphemia, Negress, Exquisite Superb, Satirist, Competitor, Pallas, Diamond, Nerissa, Jaune, Magnet, Vandyke, Empress improved, Signora, Violette, Vestal, King of Oude, Walden Masterpiece, Lady Middleton, Imperial, Narcissus, Ariadne, Monarch, Negro, Bizarre.**

VIII.—GENERAL MEETING, JULY 19.

An ordinary meeting of the Society was held on Tuesday the 19th of July, in the rooms of the Society of Arts, John Street, Adelphi, the Right Hon. the Earl of DUCIE, V.P., in the chair, when the following candidates were balloted for and elected Fellows, viz.:

James Campbell, Esq., The Grove, Hendon.
Henry White, Esq., Harrold House, Lansdown Road.
Mrs. Pocock, Puckrup Hall, near Tewkesbury.
Miss Clendining, Queen Anne Street, Cavendish Square.
Edward Hibbert, Esq., Leyton, Essex.
John Greenwood, Esq., Swarcliffe, Ripley, York.
Ashton Wentworth Dilke, Esq., 76, Sloane Street.

A ballot then took place for the under-mentioned plants, which were declared to have been gained by the following Fellows:

PINUS DON PEDRI, 20 Plants, 48 Applicants.

Bohn, H. G., Esq.	Erne, Earl of.	Harrowby, Earl of.
Backhouse, Mr. J.	Frere, G. E., Esq.	Hulse, Chas., Esq.
Baker, T. L., Esq.	Garaway, Mr. J.	Heyworth, Jas., Esq.
Buller, W. Wentworth, Esq.	Gladstone, A. S., Esq.	Low, Mr. H.
Curzon, Hon. S. R.	Glendinning, Mr. R.	Slade, A. F., Esq.
Eardley, Sir Culling.	Gaines, Mr. Thos.	Tremayne, J., Esq.
	Hanbury, Robt., Esq.	Tatton, T. W., Esq.

TECOMA LATROBEI, 20 Plants, 26 Applicants.

Ames, John, Esq.	Hailstone, Edwd., Esq.	Potter, T. B., Esq.
Backhouse, Mr. J.	B. M. Jalland, Esq.	Secretan, Philip, Esq.
Barnes, K., Esq.	Hally, Mr. J.	Sibthorp, Col.
Brande, Evd. A., Esq.	Leicester, Earl of.	Slade, A. F., Esq.
Eyre, Chas., Esq.	Nevill, Lady Dorothy.	Stewart, A. J. R., Esq.
Fowler, H., Esq.	Nicholls, J. B., Esq.	Turner, Mr. C.
Garaway, Mr. J.		Watson, Thos., Esq.

CUPRESSUS CASHMERIANUS, 30 Plants, 35 Applicants.

Baker, T. L., Esq.	Harcourt, Col.	Sibthorp, Col.
Brooks, Mrs.	Jarvis, G. K., Esq.	Smith, J. Scott, Esq.
Cox, Mr. J.	Hedges, J. K., Esq.	Stewart, A. J. R., Esq.
Clark, Mr. G.	Leicester, Earl of.	Stewart, H. G. M., Esq.
Daubeny, Dr.	Leighton, Sir B.	Staniforth, Rev. Thos.
Dawnay, Hon. P.	Leslie, C. P., Esq.	Tremayne, J., Esq.
Eardley, Sir C.	Lloyd, W. Jones, Esq.	Trevelyan, Sir W. C.
Erne, Earl of.	Micholls, H., Esq.	Vernon, Lord.
Hally, Mr. J.	Nevill, Lady Dorothy.	Verulam, Earl of.
Harrowby, Earl of.	Popham, F. L., Esq.	Wells, G. G., Esq.

The following plants, of which there was a supply sufficient for all the Fellows who applied for them, were distributed as follows:

	Applicants.		Applicants.
"Nergali," or Hill Bamboo	69	Berberis, sp. Pichincha	20
Cupressus Goveniana	30	Spiræa callosa	39
Cupressus Macnabiana	32	Sclerothamnus diffusus	10
Cupressus Lawsoniana	40	Bouvardia longifolia	19
Cupressus torulosa	6	Callistemon rugulosum	11
Abies Smithiana	25	Buddlea, sp. Peru	10
Pinus patula	18	Pentstemon, sp. Peru	28
Statice brassicæfolia	42	Seedling Camellias	23
Hesperomeles, sp. Mexico	4	Bambusa gracilis	30

IX.—REPORTS OF THE FRUIT COMMITTEE.

(*Continued from p.* 37.)

May 3, 1859. (8, *St. Martin's Place*).—The REV. L. VERNON HARCOURT, V.P.H.S., *in the Chair.*

With the exception of some **Easter Beurré Pears,** from CHARLES SANDERSON, ESQ., Kilburn, there were no exhibitions of Fruits at this Meeting. The Pears above-mentioned were found to be deficient in flavour.

June 7. (8, *St. Martin's Place*).—MR. EDMONDS, F.H.S., *in the Chair.*

Mr. JAMES SCROGGIE, gardener to W. H. WHITBREAD, Esq., F.H.S., exhibited a **Melon,** called **Snow's Prolific Green-fleshed,** not a large variety, but a handsome, roundish, somewhat oblate fruit, about the size of the Bromham Hall, and bearing much resemblance to it in shape, general appearance and quality; flesh green, very juicy and rich.

CHARLES STRICKLAND, ESQ., F.H.S., sent two sorts of **Apples,**

grown near Malton, Yorkshire. One of them had the local name of **Green Robin.** It much resembled the **Northern Greening,** with which it will probably be found identical, when there is an opportunity of making direct comparison with fruit grown under equal circumstances. The sort in question was stated to be a very good keeper, and a very fair baking apple. The other apple exhibited by Mr. Strickland was not known. It somewhat resembled the Cockle Pippin, but proved different from that sort.

The following sorts of **Grapes,** fruited in pots in the Garden of the Society, were then examined:—**Gros Coulard,** or **Prolific Sweetwater**: presented by Mr. RIVERS, F.H.S.; berries quite as large as those of the Sweetwater or larger, roundish, white, each containing one seed; juice abundant, rich and vinous; considered well deserving of cultivation; when allowed to hang long enough upon the plant it becomes sugary, and shrivels instead of rotting, as some kinds do; leaves smooth above, slightly pubescent beneath.—**Muscat Ottonel**; berries small, white, slightly oval; skin rather thick, white; pulp rich and excellent; general outline of the leaves roundish, obtusely serrated, their ribs, above and below, rather bristly.—**Muscat Citronelle**; apparently the same as the Verdelho, the sort which prevails most in those vineyards of Madeira which are peculiarly famous for yielding the best Madeira wine.—**Early Grape**: from M. SCHÖNE, Paris; a small, white early grape, of poor flavour, and decidedly not worthy of cultivation; leaves roundish, with shallow lobes, smooth above and nearly so beneath; leaf-stalks deeply tinged with purplish red.—**Muscat St. Laurent**; very early; berries small, roundish or somewhat oval, white with an amber tinge; flavour sweet, but not rich; leaves very much cut and sinuated, smooth above, the veins beneath rough with bristly hairs; it requires further trial.—**Foster's White Seedling**; this resembled a sort imported without name from the Cape, by the late J. REEVES, ESQ., and subsequently distinguished as Reeves' Muscadine, but Foster's White Seedling was found to have thinner skin.

The following Resolution was proposed by Mr. STRICKLAND, and agreed to unanimously:—

"That it would very much forward the objects which the Society had in view in appointing this Committee, if collections of the most esteemed varieties of Apples and Pears from different parts of England were placed in the Fruit-room of the Society during the autumn, for examination and comparison with the kinds grown in the Garden. That for this end, the Members of the Fruit

Committee be requested to forward collections of Fruit, with the names attached by which the sorts are known in the locality from whence they come; and that, as far as conveniently can be done, the forms issued by the Committee be filled up in the case of each variety, with particulars of soil, &c., where it was grown; and observations as to the quality of different kinds."

July 12, 1859. (8, *St. Martin's Place*).—Mr. EDMONDS, F.H.S., *in the Chair.*

A Prize of 5*l.* having been offered by Mr. VEITCH for the best 3 bunches of the **Golden Hamburgh Grape,** exhibited at this Meeting, the competitors were;—Mr. SPARY, F.H.S., Queen's Graperies, Brighton; Mr. CRAMB, gardener to the Right Honourable the Earl of DUCIE, V.P.H.S., Tortworth Court, Gloucestershire; Mr. ALLPORT, gardener to H. AKROYD, Esq., Doddington Park, Nantwich, Cheshire. The Prize was awarded to Mr. SPARY. The fruit exhibited was grown by him on a vine which he had grafted in 1858, for Mr. TASKER, of Brighton, of which an account has been already given [" Proceedings," p. 23]. The bunches were remarkably well grown; the berries being uniformly large and well swelled. The situation at Brighton where they were grown was described as being dry, and 60 feet above the level of the sea. The inclined border prepared for the Vines consisted of light loam on a chalk subsoil. The following communication, received from Mr. SPARY, containing additional particulars relating to the Vine, was read:—

"Having, on Jan. 11, 1858, laid before the Committee a report on a grafted Vine, in which I gave particulars of the operation, and described the growth of the canes, I have now to offer a second report on their further growth and prolificacy. The vines were pruned about the middle of December, 1858; the cane of the Muscat being left the full length of the rafters, 17 feet, while the Golden Hamburgh was cut back to 8 feet. The Black Hamburghs in the same house were spur-pruned. The house is heated with hot water; the application of artificial heat was commenced about the middle of January, 1859, beginning at a moderate rate, and was continued till the middle of June, during which time proper attention was given to watering, syringing, &c. The Golden Hamburgh graft did not break for a week or ten days after the Black Hamburghs, which I attribute to its being a young cane; and the Muscat was still later.

"Thirteen bunches were allowed to remain on the Golden Hamburgh, and three of these are this day laid before the Committee, the weight being 4¼ lbs. These bunches are the first cut from the house; but I may state that the Black Hamburghs are at this time in fine condition for table: and I mention this to point out my conviction that the two sorts are identical as to season. So that if a white grape is desired along with the black, the two Hamburghs will succeed under the same treatment. The Muscat, as already mentioned, was more tardy in breaking than the Hamburgh, owing, as all practical grape-growers well know, to its constitution being different from that of the Hamburgh. The cane broke three weeks or a month later than the others,

and eleven bunches were allowed to remain; these will not be ripe for three weeks or a month to come. If the specimens of Golden Hamburgh now produced had been allowed to remain a fortnight longer on the vine, they would have been much improved in colour."

The bunches exhibited by Mr. CRAMB were very fine, and longer than Mr. SPARY's, but the berries were not so large nor so equally swelled. Those from Mr. ALLPORT were too far gone, the footstalks having become shrivelled. He states that the fruit was ripe on the 10th of June: that it was produced on a graft inserted Feb. 18th, 1858, on a vine 67 years old; and that the berries of the Golden Hamburgh were larger than those of the Black Hamburgh, on which it was worked.

Messrs. LEE, of Hammersmith sent two Seedling **Grapes**; one, which they propose to name **Lee's White**, was stated to be very early as compared with other varieties fruited with it, and very prolific; it was grown in a small pot, in damp heat with young vines, and, from being kept syringed, the fruit was somewhat damaged; berries round, white, not so large as those of the Royal Muscadine. The Committee were of opinion that it would be desirable to see this sort again, when produced under more favourable circumstances. The other Seedling, numbered 86, was small, slightly oval, yellowish-white, and was considered decidedly inferior.

Mr. CULVERWELL, Thorp Perrow, Bedale, Yorkshire, exhibited a dish of **Seedling Strawberries**; fruit middle-sized, conical, dark red, with numerous small, but deeply embedded seeds and sharp-ridged intervals between; flesh dark red next the outside, pale red at the centre, where it is solid; flavour brisk and tolerably rich. The flavour of Strawberries being apt to become deteriorated by carriage, and the fruit in question being remarkable on account of its having no hollow at the core, it was highly recommended for further trial. They were accompanied by the following note:

"The seedling strawberry sent herewith, is a cross between the Elton Pine and Keens' Seedling; it succeeds the latter in ripening, and will probably prove later than the Elton Pine. It is a free grower, and a very free bearer; and is not subject to dying out, as the Elton Pine does. I inclose leaves and fruit-stems. The fruit sent was gathered from the clump where the seed was sown."

Specimens of two sorts of Seedling **Rhubarb** were exhibited by the Rev. CHARLES MACKIE, Quorley Rectory, Andover, Hampshire, accompanied by the following communication:—

"As the Rhubarb is a plant which produces seed very freely, almost the whole of which will germinate, it is impossible, with the largest space of ground, to have the whole of them planted out so as to put the qualities of the

seedlings to the test. As the readiest way of ascertaining which of them are most likely to repay the trouble of cultivating, I have found it an excellent plan to sow the seed in pots as soon as it is gathered. These being kept under cover during the winter months, not so much as a protection to the plants as for the sake of preventing the pots from being injured by the frost, the young plants will be found to vegetate very early in the spring; showing from the first a difference of character, not only as to precocity, but in other respects also, as to growth and habit. Even at this time, therefore, some may be selected as the subject of experiment, and planted out; but the preferable plan, I think, is to allow the whole to remain in the seed-pots till the end of the season, when the difference of character is more decidedly marked. Those of the earliest and strongest habit will then have gained greatly on the others in point of size, and will otherwise show the qualities which should determine the selection as to which are most likely to reward the cultivator by turning out a new and valuable variety. The qualities in question I hold to be, chiefly, a stalk that is thick, succulent, and of a red colour; and a leaf that is round in shape, smooth on the surface, and of a fleshy texture.

"In this way, the plants which make the best promise may be selected; but my remarks as to subsequent treatment apply equally, if not more, to the best of the varieties already in cultivation. The mode which I pursue is this: —Having chosen ground with a warm aspect, I have the soil dug out down to the subsoil, which, in the instance now referred to, is chalk at no great depth, say from eighteen inches to two feet. The space so dug out is about two feet in diameter. Of the earth dug out, I reject the lower and poorer portion, mixing the rest with leaf mould, and with fresh soil of as good a quality as I can procure. The soil thus improved I further enrich with guano, superphosphate of lime, soot, and bone-dust: all, or as many of them as I can at the time command, not forgetting some well-made stable manure. The whole of these being thoroughly incorporated with the soil, I place at the bottom of the hole, above the subsoil, a layer of bones of a considerable size, over which is put some of the mixture to the depth of six inches, then a few more bones with more earth, alternately, till the hole is not only filled up, but there is a hillock, say of a foot and a half above the level of the ground. In the centre of this I make an opening and fill up with leaf-mould, or any other good unmixed earth, for the reception of the plant, in order that the roots may not touch the richer soil until they are in a growing state, before which they might be injured by the strength of the manure.

"As a proof how well this has answered with myself, I may state that soon after the Prince Albert Rhubarb was introduced, now I should imagine at least twelve or fourteen years ago, I had three small plants of it, which I treated in the manner here recommended. Though put in at a distance of six feet from each other, they now appear like one large plant, the heads being joined together, and the crowns of the roots approaching very near. As a further proof that they have not otherwise degenerated in that length of time, I may mention, that last year I sent a leaf taken from one of them to a very intelligent practical gardener in the neighbourhood, with a request that he would measure it, and let me know the size. His answer when he had done so was, that it was fourteen feet six inches in circumference, the largest rhubarb leaf he had ever seen, though he had certainly seen them with a thicker stalk.

"I may perhaps also be permitted to state that of the two sent, the one marked No. 2 was raised from seed grown in 1856. It was sown with others in a small pot, in which it remained till the month of October, 1857, when, thinking it promised well, it was planted out, being at the time not much larger than my hand. In the spring of last year it took a very early, and made a very rapid growth, so that in the course of the summer the leaves covered a space of ground nine feet in circumference. This year it was also very early,

and has increased proportionally in size. All this, it is to be remembered, is in a situation where the soil is naturally shallow as well as poor, and on that account by no means favourable to the growth of the plant."

The above observations are, of course, not expected to be of use to the professional cultivator, but may perhaps be of some service to the amateur, who may be desirous of ascertaining how new varieties may be obtained, or the established varieties may best be grown, without either going to any great expense or having much ground to spare. By treating them in the way described, and allowing them ample room, say six feet at least from plant to plant (but it were better to give them more), and by giving every season a top-dressing of a mixture the same as that recommended in planting, to be carried down by the winter rains, he will ensure himself a supply of this most excellent and wholesome esculent, from the setting in of spring till nearly the end of autumn.

Specimens of the Seedlings referred to, No. 1 and 2, were exhibited. The stalk of No. 1 was 18 inches long and 5 inches in circumference. That of No. 2 was 21 inches long, but only 3½ in circumference; it was tinged with red, and although not so thick as the other, the substance was more tender, and in point of quality it was therefore doubtless the finer of the two.

Mr. R. ALEXANDER, of Lyncombe Vale, Bath, sent a Seedling **Raspberry,** unnamed, and which he described as being much valued for market, having a brighter and fresher appearance than most other sorts a day or two after gathering, bearing carriage better, and being a favourite with the gatherers on account of its long footstalk. It is vigorous in habit, making wood over 8 feet high; this, if shortened to 5 feet, yields sturdy laterals four feet or more in length, which are very productive, fruit being borne throughout their whole length. The fruit sent was large and conical, but proved deficient in flavour.

August 9, 1859. (8, *St. Martin's Place*).—Mr. EDMONDS, F.H.S., *in the Chair.*

A prize of one guinea was offered at this meeting for the best early seedling Peach or Nectarine, if found to possess sufficient merit; the fruit to be accompanied by full-grown leaves. There was no exhibition to meet this prize. It may be explained in reference to future meetings, that when new varieties of peach or nectarine are submitted to the Committee, it is of great importance that leaves should be supplied, and that it should be stated whether the tree has *large* or *small* flowers. Whether or not the leaves are *without glands* at the base, or if furnished with glands whether they are *globose* or *reniform*, may then be determined with accuracy; but if there is, at the same time, no information as to the

size of the flower, the proper place of the variety in the classification of peaches or nectarines cannot be determined, and the description is necessarily incomplete.

MELON.—Mr. Turner, F.H.S., Royal Nurseries, Slough, exhibited a fruit of his **Scarlet-fleshed Gem.** It was very handsome, about 2 lbs. weight, roundish-oblate, thickly netted, and was considered one of the best scarlet-fleshed varieties.

KIDNEY BEAN.—Specimens of a Runner Kidney Bean were also exhibited by Mr. Turner. The pods were narrow, parallel-edged, and when 6 inches long were still very tender, and without seeds. It was very much superior to the New Zealand Runner Bean which accompanied it for comparison.

PEACH.—Fruit of a Peach grown in a 13-inch pot, in the Garden of the Society, was exhibited. The tree was presented by Mr. Rivers in 1857, under the name of the **Bourdine.** In many collections, what is so called has proved to be the same as the Late Admirable; but that from Mr. Rivers appeared different. The fruit was nearly eight inches in circumference, and weighed 8 oz. It was of a roundish form, pale yellowish green, slightly tinged with red next the sun; flesh but slightly rayed with red at the stone, from which it parts freely; melting, rich, and very excellent.

A Sub-Committee, which met from time to time at the Garden at Chiswick to examine samples of vegetables grown for comparison, made several trials of a new patent Lawn Mowing Machine, which had been sent to the Society for the purpose of being tested, by the manufacturer, Mr. J. Whitaker, Bedford Mill Iron Works, Leigh, Lancashire. After repeated trials, the Sub-Committee were fully convinced that this machine was one of the best that had been brought forward. It was easily drawn and turned, and both cut and cleaned off the grass in a perfectly satisfactory manner. They came therefore to the unanimous decision, that Mr. Whitaker's was a first-rate machine.

September 20, 1859 (*Chiswick Garden*).—Mr. Edmonds, F.H.S., *in the Chair.*

On this occasion the Committee met at the Garden of the Society, chiefly for the purpose of examining the varieties of Grape in fruit in the large conservatory, of which a report will appear hereafter.

It was intimated to the Committee that C. W. Dilke, Esq., V.P.H.S., proposed to place at their disposal for 1860, Two prizes of Five Guineas each, for the best specimens of such New Fruits as the Committee may select.

MELON.—Mr. W. P. Ayres, C.M.H.S., sent from Orchard Leigh Park, Frome, a fruit of his **Improved Cashmere**, the usual weight of which, he stated to be from 4 lbs. to 7 lbs.; it was very handsome, of an oval form, ten inches in length and five and a half inches in diameter, obscurely ribbed, and slightly netted; yellow, mottled with green: rind exceedingly thin. The flesh was white, crisp, tender, melting, and very good; but the Committee were of opinion that it was shown too late in the season, for the full development of the excellence in flavour, which it appeared likely to have possessed at an earlier period.

PEACHES.—Mr. James Veitch, F.H.S., of Exeter, exhibited a collection of **Syrian Peaches** and **Nectarines**, ripened on an open south wall, without glass. With one exception, they were all sweet-kernelled. This class of fruits was originally sent to this country from Syria, by John Barker, Esq., of Suedia, formerly her Majesty's consul at Alexandria; and they were grown in the garden of his relative, Mr. Warmington, at Kensington, until wholly removed to the Exeter nursery.—**Peach, No. 9**; fruit large, roundish oblong, with very deep suture; skin, pale greenish-yellow where shaded, marbled and dotted with red next the sun; flesh melting, parting from the stone, at which it is slightly rayed with red, rich and sugary; kernel bitter; leaves crenated, with globose glands. This proved a delicious fruit.—**Peach, No. 12**; fruit middle sized, round, greenish-yellow on the shaded side, and mottled with dull red next the sun; flesh parting from the stone; kernel sweet; leaves crenated, with reniform glands. Probably a good peach, but it was not in condition, being over-ripe.—**Peach, No. 13**; fruit like a large Noblesse, pale yellowish-green, except next the sun, where it is mottled with dull red; flesh adhering firmly to the stone, sweet but not rich, and considered not superior to the old Catherine; kernel sweet; leaves crenated, with reniform glands.

NECTARINES.—From Mr. James Vetch, F.H.S., Exeter: **Nectarine, 22 A**; externally this resembles the Stanwick, but the flesh adheres to the stone, nevertheless it is half melting, rich, sugary and delicious, with a fine aroma; kernel sweet. An excellent fruit. **Nectarine, 22 B**; between this and the preceding no decided difference could be observed, and as far as

could be judged from the fruit, it was presumed they are the same variety.—From Mr. G. Hood, gardener, Mamhead Park, near Exeter: a dish of **Stanwick Nectarine,** accompanied by the following note: "The fruit sent is not so large, nor so well coloured as we have had them in other years. They are part of a crop of 120 fruits on a bush tree in a 13-inch pot, and ripened this season without the aid of fire-heat." The specimens, although not so large as the variety usually becomes, were of medium size, about as large as the Elruge. The flavour was very good, but of course not so rich as those ripened with more heat. From this exhibition it is evident that fruit of the Stanwick Nectarine may be abundantly produced without the defect of cracking, to which it is liable.—J. Allnutt, Esq., F.H.S., sent a well-grown fruit of the **Stanwick** from his garden at Clapham. He stated that it was grown in a pot in a house without fire-heat, and that none of the fruit on the plant exhibited any sign of cracking.

X.—THE NEW GARDEN AT KENSINGTON GORE.

The following extract from a circular letter dated August 31, addressed to the Fellows and to those who had promised their support, indicates the progress which up to that date had been made in the scheme for the formation of the Kensington Gore Garden.

(*Extract.*)

"I am instructed by the Council to inform you that, in consequence of the resolution passed at the last General Meeting of the Society, authorising them to conclude the arrangements with her Majesty's Commissioners, but expressing an opinion that one clause in the suggested terms should be altered, a deputation waited on the Finance Committee of her Majesty's Commissioners. I have now to state that satisfactory modifications of the right of re-entry, and terms of compensation at the termination of the lease have been conceded. The Council acting, therefore, on the power entrusted to them by the General Meeting of the 20th July, have passed the following resolution:—

"'That the terms of her Majesty's Commissioners be accepted as the basis of a lease, and that the Society's solicitors be instructed to act for the Society in its preparation.'

"As it is important that no time should be lost in commencing the arrangements, I am directed to enclose you a list of those who, up to this date, have promised their support; and to add that, if you know of any friends who propose to aid in creating this beautiful Garden, the Council hope that you will communicate to them, as early as you conveniently can, the above fact."

W. B. BOOTH, *Assistant Secretary.*

The list above referred to showed: (1) that a sum of 1800*l.* was

promised as actual donations, principally by her Majesty and his Royal Highness the President of the Society; and (2) that various Fellows and others had agreed to propose different branches of their family, and friends, to the extent of upwards of two hundred, as Life Members, and also to lend above 21,000*l.* on Debentures; so that, it may be assumed, that above 30,000*l.* out of the 50,000*l.* required, was subscribed by the 31st of August last.

XI. REPORTS OF THE FLORAL COMMITTEE.

(*Continued from p.* 60.)

August 11, 1859.—*The* Rev. Joshua Dix *in the Chair.*

A large number of objects was exhibited on this occasion, the greater part consisting of Florist's flowers. There were besides, however, among the miscellaneous plants, some of considerable interest, namely:—

Athyrium Filix-fœmina, *var.* **multiceps** (*Moore*):—from Messrs. Veitch & Son, of Exeter and Chelsea. This was a very handsome addition to the crested forms of hardy Ferns. Its fronds and pinnæ were multifid-crisped, on the same general plan as those of the varieties *multifidum*, *corymbiferum*, *depauperatum*, and others. The present was, however, distinct from any previously known form, and combined the singular lacerate tassels of *depauperatum*, with the symmetrical fronds of *multifidum*. It was stated to have been found in Cornwall, some miles from Truro, and both it and a seedling plant had continued constant to its peculiarities. The fronds are about two feet long, bipinnate; the pinnæ terminating in large corymbosely multifid-crisped tassels, consisting of narrow lacerate segments, so that the frond is symmetrically tasselled along the margins, while its apex is divided into a large corymbosely branched tuft; the pinnules are unequal in size, irregular in form, and inciso-serrate. This plant was awarded a First-Class Certificate of Merit, as a new and distinct ornamental hardy Fern.

Hybrid Cattleyas (*granulosa* × *Harrisoniæ*):—from Messrs. Veitch & Son. These were exceedingly interesting, as affording the first examples of well-marked, and really showy new forms of orchids, produced by hybridizing. The present exhibition, consisting of five seedling plants, the flowers of which had a

general resemblance to each other, but were slightly different in their markings, was due to the skill and perseverance of Mr. DOMINY, the very intelligent foreman employed by Messrs. VEITCH & SON, at their Exeter nursery. The flowers were freely produced, blush-coloured, slightly suffused with the olive-green, and showing the spotting of *C. granulosa* in the sepals and petals, having, moreover, its richly-veined purple lip, but varied in the amount of colouring and marking in the different plants. Those numbered 1 and 4 were specially COMMENDED, as being the most beautiful, the others, however, being but very slightly different from them.

Odontoglossum Uroskinneri (*Lindley*):—from Messrs. VEITCH & SON. An elegant species, having something of the general character and aspect, and quite the habit of *O. bictoniense*, but larger-flowered, quite distinct as a garden plant, and a much finer species. The flowers grow along the upper part of a tallish erect scape; the sepals keeled, the upper ones short, obovate, the lower ones longer: the petals broad, oblong, somewhat wavy, all pale green, blotched with brown; lip nearly circular in outline, broadly cordate and frilled, blush-white, thickly dotted with pale purple. Dr. Lindley, by whom it has been named, suspects that it, like many other reputed species of orchids, may be a wild or natural mule, and may have resulted from a cross between *O. bictoniense*, and some such species as *O. Cervantesii*, or *O. Rossii*. It was COMMENDED as an ornamental plant, well deserving of cultivation. It varies in colour in the wild plants.

Begonia Dominiana:—from Messrs. VEITCH & SON. This handsome plant appeared to be too closely like that called *B. Marshallii*, noticed at page 55, to be kept distinct. It was remarkable for the breadth of the silvery space on the surface of the leaf, which rendered very distinct the dark green star of the central veins, and the green silver-dotted border. It is one of the handsomer in a group of dwarf variegated kinds originating from *B. Rex*, in which the forms appear endless, but the majority of them wanting in distinctness of character.

Messrs. VEITCH also had some blooms of Double Petunias, not in good condition; among which, however, one named **Mauve** appeared to be rather distinct in colour.

Yellow Tom Thumb Nasturtium:—from Messrs. CARTER & Co., High Holborn. The habit of this plant, shown by the entire plants exhibited, was quite dwarf and compact, and the flowers were of a golden-yellow. It was COMMENDED as likely to

be a useful flower-garden and bedding plant.—Messrs. CARTER, also exhibited a white *Nigella hispanica*, La Superbe and Emperor Asters, and Leviathan Sunflower.

Mr. ELPHINSTONE, gardener at Flixton Hall, Suffolk, showed several kinds of seedling **Tydæas,** or *Achimenes*:—**Fair Helen, Conspicua, Formosa, Gem, Sanguinea alba,** and **Tricolor**; they consisted of upright-growing plants, with spotted, rosy-lake and scarlet flowers, in various tints, all individually handsome, but not considered sufficiently distinct from those previously in cultivation, in a family where seedlings are raised with so much facility.

Mr. T. BREEZE, of Starston, Norfolk, sent a collection of cut blooms, of a new race of fancy **Gloxinias,** in which the flowers were marked with pencilled or feathered blotchy stripings of an entirely novel character. No award could be made to these, in the absence of the plants, but the flowers were greatly admired. The following were pronounced the most desirable from the appearance of the cut blooms:—**Violacea**; large pale lavender, purple about the throat, marked with feathery and blotchy streaks of white; **Rainbow**; similar in colour to *Violacea*, but rather smaller, and more decidedly striped; **Mrs. Bowyer**; rosy salmon, with bright carmine about the throat, and white feathery streaks on the surface; **Lady Conyngham**; erect-flowered, rosy-salmon, larger and darker than *Mrs. Bowyer*, and more distinctly blotch-striped. **Lillian Mary**; a soft lilac blue with white throat and pencilled surface, was also very handsome. The others were: **Esther, Florenza, Rosy-Gem, Borealis, St. Cloud, Snow-flake,** and **Evening Star.**

Among the exhibitions in the more established classes of Florist's flowers, the following subjects were selected for reward:—

Dahlia, Lady Douglass Pennant:—from Mr. KEYNES. FIRST-CLASS CERTIFICATE OF MERIT; large, deep, finely moulded and even, but rather depressed in the centre; primrose-yellow.

Dahlia, William Dodds:—from Mr. KEYNES. FIRST-CLASS CERTIFICATE OF MERIT; large, deep, and well built, with a close high centre; deep golden yellow.

Dahlia, Rev. Joshua Dix:—from Mr. KEYNES. COMMENDED; a fancy flower of large size and good outline, with a prominent high centre; blush, striped and spotted with dark crimson.

Dahlia, Sir George Douglass:—from Mr. W. DODDS, Salisbury. COMMENDED as a very effective and ornamental variety for the flower-garden, of moderate properties; colour, orange-yellow tipped with bright red.

Dahlia, Mrs. Col. Vyse:—from Mr. C. Turner, Slough. Commended; large, deep, and regular, with admirably arranged florets, but rather low and deficient in the centre; blush-white, tipped with purplish lake.

Dahlia, Splendid:—from Mr. Green, High Cross, Ware, Herts. Commended; a fancy variety, of good average form and well filled; pale lilac-blush, striped and spotted with bright deep crimson.

Hollyhock, Alfred:—from Mr. W. Chater, Saffron Walden. Commended; full size, with good average guard petals and high centre, pale purple; it was shown out of condition, being damaged by rough wet weather, or it might have obtained a higher award.

Pelargonium (zonale), Blackheath Beauty:—from Mr. J. Hally, Blackheath. Commended; dwarf habit, with neat heavily horseshoe-marked foliage, and salmon-coloured well-formed flowers with white eye, and growing in fair-sized trusses. It was said to be a seedling from Princess, crossed with Lady Downes.

Besides the foregoing, there were also present of **Hollyhocks**:—from Mr. W. Chater: **Lady Braybrooke, Mrs. Chater**, and **Rosa Bonheur**.—From Mr. Burbury, Kenilworth: **Kenilworth**, and **The Bride**.—From Mr. Bragg, Slough: **Reine Blanche, Madame Alboni**, and **Piccolomini**; also collections of Dahlias, Pansies, and Hollyhocks.—From Mr. R. Elphinstone, Flixton Hall: **Sovereign, Great Eastern**, which was considered promising, **Annie Elphinstone, Eastern Monarch, Delicatissima**, and **Fair Helen**; of these only single blooms were shown, and consequently no award could be made.

The following new varieties of **Dahlias** was also exhibited:—From Mr. Keynes: **Jennie Austin, Tippy Bob, Leopard**, and **Pretty Poll**.—From Mr. G. Rawlings: **Socrates, Miss Sarah Boyce**, and **Miss Jones**.—From Mr. Green, High Cross: **Governor-General** and **Edith**.—From Mr. H. Pullen, gardener to the Hon. and Rev. H. C. Cust, Cockayne-Hatley, Beds: **Princess of Prussia**, a rich golden-yellow, high and even, of great promise, but a single bloom only.—From Mr. Turner: a collection of Dahlias and of Fuchsias for comparison.

There were also present:—From Mr. Laing, Twickenham: **Scarlet Pelargonium, The Beacon**.—From Mr. J. Miller, Upway, Dorchester: **Verbena, Emperor of the French**; also a pretty double-striped **Petunia, Zebra**; both in a withered state.

—From Mr. W. Adcock, gardener to H. S. Turner, Esq., Acton: **Verbena, Acton Star**; dark purple, too near Sir J. Outram. From Dr. Sankey, Hanwell: **Verbena—Juno** and **Apollo,** varieties of fine quality, but too much incurved; also **Verbena, Mars,** showing its adaptation to out-door culture.—From Mr. Elphinstone, Flixton Hall: **Verbena—Purple Prince, Spectabilis, Violacea superba, Nobilissima, Lady Adair, Mrs. Ward, Captivation, Reine des Fleurs, Flixtoniensis, Reine Blanche, Grandis, Beauty Supreme.** One truss only being shown of each, no award could be made, but the following were selected as varieties of much promise:—**Lady Adair,** salmon rose, with light eye; **Reine des Fleurs,** light crimson, with yellow eye; **Flixtoniensis,** very bright purplish rose, lemon eye; **Beauty Supreme,** bright rose, yellow eye.—From Mr. Hally: **Lilium lancifolium rubrum floribundum,** and **album floribundum,** accompanied by a memorandum stating that they had for three years, from the time of the first blooming, produced thick full heads of flower, with a tendency to fasciated growth of the stems; the flowers were not in any way superior.

August 25.—The Rev. Joshua Dix *in the Chair.*

The exhibitions on this occasion consisted wholly of Florist's flowers, of which the major part were Dahlias. The awards made were the following:—

Dahlia, Flower of the Day:—from Mr. C. Turner, Slough. First-Class Certificate of Merit; a high built and evenly formed full flower, of excellent properties; pure white; much resembling Mrs. Wellesley Pigott, but of a purer white.

Dahlia, Apollo:—from Mr. Turner. First-Class Certificate of Merit; a dense, well-formed, and remarkably symmetrical variety of the fancy class; purplish crimson, distinctly and regularly tipped with white.

Dahlia, Mrs. Wellesley Pigott:—from Mr. J. Keynes, Salisbury. First-Class Certificate of Merit; a neatly-cupped and even well-filled flower, of excellent properties; white, slightly tinged with yellow at the base of the florets.

Dahlia, Mrs. Bailhasche:—from Mr. Keynes. First-Class Certificate of Merit; full size, close, with full high centre; pale peach-blossom or deep flesh-colour.

Dahlia, Neville Keynes:—from Mr. Keynes. Commended, as a flower likely to prove constant and useful; even outline, with tolerably full centre; buff yellow, tipped with pale purple.

Eighteen blooms were exhibited, some of which, from their excellence, almost justified a higher award.

Dahlia, George Grapes:—from Mr. Turner. Commended; a flower of good properties; yellowish-buff, or maize colour, suffused with salmony-red.

Dahlia, Pluto:—from Mr. Turner. Commended; a richly-coloured fancy flower, in the style of Jupiter; crimson-maroon, passing to crimson, and unequally tipped with white.

Verbena, Dr. Sankey:—from Mr. C. Edmonds, gardener to Lady Lacon, Great Ormsby. First-Class Certificate of Merit; average truss of large and finely-formed pips; rosy puce, with a lemon-coloured eye. This variety formed part of a large collection of seedlings of considerable merit, exhibited in bunches of cut trusses, from among which were also selected the two following, as being deserving of especial mention, namely:—**Thetis**, a very showy blue purple, with large conspicuous white eye; and **Mrs. Moore**, a deeper and redder purple than Thetis, and having a well-defined white eye. These seemed likely to prove highly effective varieties, if of good habit.

The remaining subjects of exhibition were:—From Mr. G. Clarke, Brixton Hill: **Scarlet Pelargonium, Victor Emmanuel**; a vigorous habited variety, bearing large trusses of well-formed rich scarlet flowers, the trusses elevated on very long stalks. Mr. Clarke stated that this variety, bedded out in his nursery, proved superior to any existing kind, being short and stiff in habit, the trusses of bloom standing clear above the foliage, and remaining fresh in the centre till the outer flowers were expanded. Though a good variety, it was not considered superior to or sufficiently distinct from others in cultivation to merit any award.—From Messrs. S. & W. Badman, Gravesend: **Variegated Pelargonium, Dayspring**; obtained by hybridizing Commander-in-Chief by Golden Chain; flowers scarlet, but inferior; leaves quartered, and longitudinally streaked and blotched with straw-colour. The markings of its foliage were not thought to be sufficiently constant or permanent, though in some states they were effective.—From Mr. G. Smith, Hornsey Road: **Fuchsia, Solon**; dwarf and free, with large flowers; sepals perpendicularly reflexed, bright crimson-red, with a prominent purple corolla veined with crimson at the base, and becoming reddish in age; the size of the flowers was its chief recommendation.—From Mr. Standish, Bagshot; **Phlox, Mrs. Standish**; about $1\frac{1}{2}$ foot high as shown, and of compact habit; flowers white, with dense and

distinct crimson-lake eye. It was thought desirable to compare it with Madame Sueur before making any award.—From Messrs. SPARY & CAMPBELL, Brighton: **Petunia, Peerless**; very dwarf in habit, with large rich purple-crimson flowers.—From Mr. E. SHENTON, Hendon: **Hollyhock, Miss Shenton**; a white, of average quality.

The following **Dahlias** were also produced:—From Mr. T. GOODWIN, Holgate, near York: **Uncle Tom,** purplish crimson or plum; **Flower of the Day,** golden yellow, purplish in the eye.—From Mr. G. RAWLINGS, Bethnal Green: **Heather Bell,** lively crimson purple; **Celestial,** flesh-colour; **Confidence,** pale lilac, thickly striped with crimson maroon; **Mayflower,** blush white faintly tipped with purple; **Black Knight,** dark maroon; **Mr. Boshell,** buff, suffused with purple.—From Mr. KEYNES: **Pretty Poll,** French white, striped with maroon crimson; **Jennie Austin,** white, heavily tipped with pale lilac, rather coarse; **Rev. Joshua Dix,** a striped fancy variety, fully maintaining the character given to it by a previous award; **Mrs. J. M. Marsh,** large, deep lilac; **Leopard,** pale pink striped with crimson maroon, one of the flat-faced kinds.—From Mr. SHENTON, Hendon: **The Chancellor,** dull reddish crimson, of good form.—From Mr. GREEN, High Cross: **Governor General,** purple; **Splendid,** an elegant striped fancy, which maintains the character previously given to it by a commendatory award.—From Mr. TURNER: **George Eliot,** purple; **Enchantress,** buff yellow, heavily tipped with purple; **Ethil,** maroon purple, tipped with white; **Fisherman,** dark plum; **Lady Taunton,** blush white, heavily tipped with bright purple lake, a pretty garden flower; **Adam Bede,** very heavily tipped with purple crimson, pale at the base, considered a promising variety, and useful for the flower garden; **Holmes's No. 10,** dull crimson; **Juno,** dull crimson red; **Janus,** buff yellow, faintly tipped with purple. Mr. Turner also had six blooms of the variety called Chairman, and some others for comparison.

September 8.—The Rev. JOSHUA DIX, *in the Chair.*

Cattleya Schilleriana, var.:—from Messrs. BACKHOUSE & SON, York. This beautiful plant is a recent importation direct from Brazil; it has the dwarf habit and general character of *C. Aclandiæ*, to which it is related, but from which it differs in its broader leaves and larger flowers. Stems clavate; leaves roundish-oblong; flowers large, the sepals and petals olive-green deeply

spotted and blotched with reddish-brown; lip transversely oblong with a retuse notch, rich rose-purple, frilled and toothed at the margin, and furnished there also with a narrow border of white. It was awarded a First-Class Certificate of Merit, for its novelty and beauty.

Caladium Veitchii (*Lindley*):—from Messrs. Veitch & Son, Chelsea. This plant, which had been imported from Borneo, was stemless, like *Colocasia esculenta;* the leaves large, firm, about a foot long, and five inches across, pointing downwards, arrow-head-shaped, being divided for about one-third of their length, the divisions forming two slightly divergent erect basal lobes, while the attachment of the long green curiously scratched or purple pencilled stalks was central or peltate; the upper surface was polished, dark green, the lower dark lurid purple, from which a bronzy metallic tinge is transmitted to the upper surface in certain lights. The stout central rib, with its two branches extending up the basal lobes, and its main diagonal branches, as well as the border of the leaves, were ivory white. It was awarded a First-Class Certificate of Merit, as a distinct, novel, and beautiful addition to the class of ornamental-foliaged plants.

Dahlia, Neville Keynes:—from Mr. Keynes, Salisbury. First-Class Certificate of Merit; buff yellow, faintly tipped with pale purple. This proves to be a remarkably constant and useful flower.

Dahlia, Beauty:—from Mr. C. Turner, Slough. First-Class Certificate of Merit; an evenly built and compact flower, of a distinct peachy-blush colour, paler towards the centre, and yellowish at the base of the florets.

Dahlia, George Eliot:—from Mr. Turner. Commended, on account of its colour, a distinct bright rosy purple, the flower being in other respects of average properties.

Dahlia, Compacta:—from Mr. G. Rawlings, Bethnal Green. Commended; lilac-blush, tipped with purple.

There were also exhibited the following:—from Mr. Keynes: **Dahlia, Rev. Joshua Dix**; a fancy variety which fully sustains the character previously given to it.—From Mr. Rawlings: **Dahlia, Mr. Boshell,** buff, suffused with reddish-purple.—From Mr. Turner: **Dahlia—Conqueror** (*Cook*), orange red, with neatly cupped but confused florets; **Lady Taunton,** blush-white, tipped with bright purple-lake, a beautiful ornamental variety, somewhat deficient towards the centre; **Pluto,** maroon, much less distinctly tipped than on a former occasion, when it was Commended;

Queen Mab, bright red, heavily tipped with white; **Mrs. Col. Vyse,** white, tipped with rosy purple; this last was considered to maintain the character given to it by a previous award.

From Mr. Ivery, Dorking: **Fuchsia, Distinction;** a variety with short tube, and bright coral-red broad expanded sepals, but chiefly remarkable for the wide expansion of its purple corolla.—From Mr. Wheeler, Warminster: **Fuchsia—Lord of the Isles, Marquis of Bath, Hero of Wilts,** and **Robin Hood,** all double-flowered varieties. That named Marquis of Bath, had large deep coral-red flowers of great substance, with a full double compact deep purple corolla; it was altogether a variety of fine character, and was considered the best of the double-flowered varieties that had come under the notice of the members present, but a sprig of cut blooms only being exhibited, no award could be made to it. The others were inferior, having the flowers smaller with longer sepals, and the double corollas irregular and confused. Mr. Wheeler also sent **Verbena, Rosalie,** delicate pink, with carmine ring around the eye; a pretty variety, but not sufficiently distinct to merit an award.

September 22. Dr. Sankey *in the Chair.*

The subjects exhibited were as follows:—

Gonatanthus cupreus:—from Messrs. Low & Co., Clapton. This fine Caladium-like plant, which was regarded as one of the most strikingly beautiful among the ornamental-foliaged plants introduced to this country, is a native of Kina-Baloo, in Borneo. It was sturdy, but dwarf and compact in habit; the leaves, which were about a foot long, were supported by green stalks of about the same length, and were oblong-ovate, peltate, purple behind, of a deep green in front, having a strong, reddish coppery or bronzy tint in different lights; the surface was quite smooth, but raised slightly between the veins. The central rib was very stout, dull green, its two branches, extending up the basal lobes which are scarcely at all separated, were nearly parallel, and the lateral ones were curved forwards. It was awarded a First-Class Certificate of Merit, as one of the most valuable of recent introductions to this class of plants.

Sphærostema sp.:—from Messrs. Low & Co. This is also a native of Borneo. It is a climbing plant of the Schizandraceous family, and had large ovate, acuminate, distantly toothed leaves, which were green, blotched all over in moderate-sized irregular

patches between the larger veins with grayish white. It forms a finely-variegated climbing plant, and was awarded a FIRST-CLASS CERTIFICATE OF MERIT, on account of its distinct and ornamental character.

Macodes Petola:—from Messrs. Low & Co. This plant had been introduced from Java. The leaves were very beautiful, and distinct in colour and marking from those of the species of *Anæctochilus*, which they resemble in general character; they were ovate, shaded green, ribbed and veined with glittering golden lines, these lines consisting of a central and on each side two lateral longitudinal ribs, united by numerous branching transverse veins between. It was considered deserving a FIRST-CLASS CERTIFICATE OF MERIT, which was awarded to it.

Begonia Lowii:—from Messrs. Low & Co. This was one of a group which had been obtained by crossing with *B. Thwaitesii*, the result of which admixture had been to impart a dwarf habit. The leaves of all were comparatively small; those of *B. Lowii*, narrowly ovate, the ground colour a pure silvery gray, while a slight border at the margin was green blotched with silvery markings, the same green colour forming a narrow border to the base of the ribs, producing a green central star; they were also red-veined behind. The beauty of this variety consisted in the purity of the silvered surface, relieved by an amount of green at the border and near the centre, just sufficient to produce a pleasing contrast; its small size and dwarfness were also recommendations. It was awarded a FIRST-CLASS CERTIFICATE OF MERIT, on account of its novel character, combined with its intrinsic beauty.

Begonia Gem:—from Messrs. Low & Co. This was another variety of the same origin as *B. Lowii*. It was still smaller, the leaves being not more than about three inches long, shortly ovate, the colours nearly the same as in *B. Lowii*, but the green border and star rather more distinct, from being less blotched and speckled. It was a charming dwarf variety, and was COMMENDED, as a very desirable new form of this protean family.

Begonia zebra:—from Messrs. Low & Co. Of the same dwarf habit as *B. Gem*, and of the same parentage. It was more distinct but less beautiful, quite small in foliage and dwarf in habit, green with irregular, elongated, silvery blotches and flecks lying obliquely between the principal veins, pale green behind. It was COMMENDED for its distinctness.

Begonia blanda:—from Messrs. PARKER & WILLIAMS, Holloway. In this, which was of moderate size, the bases of the veins

were bordered with narrow stripes of olive green so as to form a star; then came a broad belt of silvery gray, and at the margin a narrow border of green intermixed with silvery blotches. The colours were well disposed and rich looking. It was awarded a FIRST-CLASS CERTIFICATE OF MERIT, as one of the finer and more distinct of the varieties of the present season. It was stated to have been bred between *B. splendida* and *B. Thwaitesii*; as also were the following, which were individually handsome, but less marked than the foregoing:—**B. pulcherrima** and **B. speciosa**, variously marked, but of the style of *B. Rex*; **B. spectabilis** and **B. concinna**, both distinctly green at the centre and margins, with a broad vandyke-edged silvery belt, the former larger, the latter smaller, and much more speckled with white on the green parts; **B. picturata**, paler, with fork-branched or V-shaped green markings near the margin, and green ribs in the centre, the rest sulphury gray.

Messrs. Low & Co. also showed:—**Begonia, Cloth of Silver**, the surface of which was nearly covered with silvery gray, a few green spots only occurring near the margin; **B. albo-punctata**, green next the veins near the centre, and towards the margins, the rest of the surface broken up into silvery patches and specks; these were of the same parentage as *B. Lowii*, which was evidenced in their dwarfishness of character; also **Begonias—Madame Alwardt**, and **Lord Clyde**, which were larger growing plants, with the general characteristics of the varieties of *B. Rex*; that named Lord Clyde being of a brighter green, and also furnished with red hairs and red veins behind. From the same firm came besides:—**Franciscea confertiflora fol. variegatis**, an English variegated seedling, the leaves of which were heavily bordered and irregularly marked with cream colour, the green parts dull and mottled with grayish green.—**Plocostemma lasianthum**, a strong growing Hoya-like plant, with drooping umbels of yellowish woolly flowers.—**Myrsine picta**, a native of Borneo, with lance-shaped serrated leaves purple while young, and then having a broad central white stripe on the rib, becoming purplish green when older, with the rib reddish-tinted; it was thought to be not sufficiently developed. The same remark applies to two species of Ferns from Borneo: one supposed to be a **Lindsæa**, dwarf and creeping in habit, and remarkable in having the rachis uniformly winged, and furnished on one side only with small, roundish, crenated pinnæ, which are entirely wanting on the other side; the other a **Nephrolepis**, bearing white dots along the margin of the pinnæ on their upper surface.

From Messrs. VEITCH & SON, Chelsea: a fine plant of the rare and curious *Ataccia cristata*, under the common garden name of *Tacca integrifolia*.—From Messrs. CARTER & Co., High Holborn: *Sedum Fabaria var. rubrum*; a rosy-lilac flowered kind, nearly related to the British *S. Telephium*, and a very useful autumn-flowering plant for greenhouse decoration, producing large heads of its star-shaped flowers, emulating the showiness of the well-known Hydrangea.

Of Florists' flowers, the following were produced :—

Dahlia, Miss Sarah Boyce:—from Mr. G. RAWLINGS. This, which was commended at the meeting on July 28th, now received a FIRST-CLASS CERTIFICATE OF MERIT. It proved to be a very ornamental variety, white finely tipped with purple.—Mr. RAWLINGS also had **Delicata**, a pale lilac.

Scarlet Pelargonium, Sheen Rival:—from Mr. KINGHORN, Sheen Nursery, Richmond; COMMENDED; it was regarded as an improved variety in the style of General Pélissier; dwarf and robust in habit, with heavily horse-shoe marked leaves, which were marbled green in the centre; the flowers large, cerise-scarlet, borne in fine bold trusses.

There were also present, of **Dahlias**:—from Mr. ALEXANDER, LEYTON, **Vesuvius**, scarlet; **Saracen**, maroon.—From Mr. SHENTON, Hendon: **Chancellor, Flora, Mr. Tomkins.**—From Mr. H. PULLEN, gardener to the Hon. and Rev. H. C. Cust, Cockayne-Hatley: **Princess of Prussia**, a brilliant yellow, of even outline, deep, and well formed, evidently a beautiful flower, but shown in so damaged a condition that no award could be made.—From Mr. TURNER, Slough: **Lady Taunton, Warrior.**—From Messrs. PAUL & SON, Cheshunt: **Tea Rose, President**, a blush or flesh-coloured variety, of average quality.—From Mr. SMITH, gardener to S. Ricardo, Esq., Titness Park, Sunninghill: **Pelargonium, Smith's Improved Ivy-leaved**, a variety with deep rose-crimson flowers.

October 13.—The Rev. JOSHUA DIX, *in the Chair.*

The subjects exhibited were as follows :—

Pogonia discolor:—from Messrs. VEITCH & SON, Chelsea. A curious ornamental-leaved terrestrial orchid, from Java. It produced a single leaf about three inches long, ovate in outline, somewhat cucullate at the base, the margins recurved, and the surface plicately ribbed; this leaf was of a bronzy-green colour,

covered with conspicuous spreading orange-red hairs. It was awarded a First-Class Certificate of Merit, as a beautiful-leaved plant, associating in character with the variegated species of *Anœctochilus*.

Clerodendron calamitosum:—from Messrs. Veitch & Son, Chelsea. A dwarf growing and very free flowering stove shrub, of neat habit. The two plants exhibited were from one-and-a-half to two feet high, branched, furnished with moderate-sized stalked elliptic coarsely crenate-serrate leaves, and bearing from their axils three-flowered peduncles, so that the apices of the branches became long leafy flower-panicles; the flowers were white, with a long slender tube, and somewhat scented. It was Commended as a useful free-blooming decorative plant, available during the autumnal months.

Caladium Veitchii: — from Messrs. Veitch & Son. This plant had been produced at the meeting, held on September 8th (see p. 77), and had received a First-Class Certificate of Merit. It was now again produced, and in blossom. The flower-scapes were much shorter than the leaves, about six or eight inches high, supporting greenish-white spathes. The whole beauty of the plant, therefore, resides in its finely-tinted foliage.

Tritoma Uvaria *var.* **'grandiflora'**:—from Messrs. E. G. Henderson & Son, St. John's Wood. This appeared to be a robust late-flowered form of the beautiful perennial *Tritoma Uvaria*. It was of very vigorous habit, with stiff arching leaves roughish on the edge, and resembling though stronger than the kind falsely called *T. Burchellii* in many trade collections. The flower scapes were very tall, bearing a close spike of flowers upwards of a foot long and nine inches in circumference, the colour being of a deep orange red, less brilliant than the early-blooming (August) form of the species distinguished as *T. Uvaria* var. *glaucescens*, but useful as continuing the blooming of the species till a late period of the autumn. Being already distributed among cultivators, it was not considered eligible for reward, though admired as a fine late-blooming variety. Various other kinds, namely, *T. Uvaria* var. *glaucescens*, *T. Uvaria* var. *serotina*, *T. Burchellii*, and *T. Rooperi*, were sent for comparison. The two first of these are forms blooming in succession in autumn, while *T. Rooperi* is a fine distinct plant, usually blooming early in summer. The true *T. Burchellii*, as here exhibited, was very inferior to the rest.

Lapageria rosea superba:—from Messrs. E. G. Henderson & Son. This was one of the fine flowered states of the species,

with large flowers, of which the petaline segments were scarcely longer than the sepaline, broad and rounded at the apex, with a short projecting point. It was much superior to other flowers sent for comparison, the plants in general cultivation, mostly raised from seeds and therefore variable, sometimes proving to be spurious and inferior forms.

Begonias:—from Messrs. PARKER & WILLIAMS, Holloway. These were seedling variegated forms of the character of *B. Rex*, but smaller and variously marked. The most distinct, named **Distinction,** had medium sized rather wavy leaves, of which the entire centre, extending quite to the point of the leaf, except a small green star at the base of the veins, was silvery gray; the margin was dark olive green with a few distinct silvery spots, Another called **elegans,** had the leaves even, very much silvered. a blotch of yellowish green radiating from the base of the ribs outwards, and other irregular **V**-shaped patches of the same colour ranging along the margin. The other kinds were called—**micans** and **amœna.**

Heliotrope Venus:—from Mr. W. LEE, Albion Road, Hammersmith. A very dwarf compact free-blooming variety, the flowers lilac with white centre, very fragrant. It was considered as a good dwarf variety of *H. peruvianum*, but not sufficiently distinct from others in cultivation.

There were also present:—from Messrs. Low & Co., Clapton, **Verbena, Firefly,** a bright scarlet, reported to be an excellent bedding variety, two trusses only; also **Petunia, Harlequin,** a double-flowered variety, with pretty purple flowers very distinctly striped with white; it was considered to be too near other varieties, such as Model, and Alexandre von Humboldt, already in cultivation. The blooms sent, cut from out-door plants, had been but little affected by the recent rough weather and rain.—From Mr. R. NEWBERRY, Upway Nursery, Dorchester: a promising unnamed seedling, **Dahlia,** yellowish tipped with purple; it was considered worth another season's trial.—From Messrs. PARKER & WILLIAMS: **Crotalaria laburnifolia,** a papilionaceous-flowered shrub, having trifoliolate stalked leaves with elliptic leaflets, and terminal racemes of largish yellow flowers streaked externally with red, freely produced, but not very attractive as a pot plant.

XII.—NOTES ON STRAWBERRIES GROWN FOR TRIAL AT CHISWICK.

The examination of the collection of Strawberries growing at the Garden, at Chiswick, was deputed to a Sub-Committee of the Fruit Committee, which met from time to time during the fruiting season, and tested the qualities of such kinds as were in a condition for examination. The excessively hot dry weather was, however, unfavourable to some of the late varieties which had been planted, and prevented satisfactory notes being taken of them. The Sub-Committee, moreover, thought it desirable that much more complete collections should in future seasons be planted out for the especial purpose of obtaining more complete information on the subject. The following are the notes and observations made :—

Ajax (*Nicholson*).—Fruit large, roundish, deep red ; calyx small, reflexed ; seeds slightly embedded ; flesh pale red, juicy, and tolerably rich. Leafstalks hairy, very tall and strong ; leaflets, of which there are sometimes five, very large, broad, widely serrated. Altogether the plant is of extraordinary vigour, but a shy bearer, growing too much to leaf in the open ground ; yet it answers well in forcing, its excessive vigour being checked in consequence of the confinement of its roots in the pots.

Belle Bordelaise.—This is said to have been obtained from the old *Hautbois* fertilised by the *Alpine*. It appeared, however, to be exactly the same as the *Prolific* or *Conical Hautbois.*

British Queen Seedling.—Fruit middle-sized, obtusely conical, dark red. In point of flavour, this variety was found to be so much inferior to the *British Queen*, that it was pronounced to be not worth growing.

Captain Cook (*Nicholson*).—Fruit generally roundish-ovate, but irregular, red with frequently a green point ; flavour scarcely second-rate. Habit of the plant rather dwarf. Leafstalks hairy ; leaflets small, oval, sharply serrated, glaucous beneath.

Comte de Paris (*Pelvilain*). — Fruit large, roundish heart-shaped ; flesh pale red throughout, firm, and very acid. Leafstalks slightly hairy, the hairs adpressed ; leaflets roundish obovate. The fruit was considered too acid for dessert.

Duchesse de Trévise.—See *Viscomtesse Héricart de Thury.*

Eliza (*Myatt*).—Fruit middle-sized, ovate, with a neck, light red; flesh pale red next the outside, whitish towards the centre, juicy, rich, sweet, and very excellent. Leafstalks hairy, the hairs spreading horizontally; leaflets roundish-oval,. obtusely serrated. A good bearer, ripening about the middle season. It is hardier than the *British Queen*, and will therefore survive in cold situations where occasionally the last-named sort does not completely withstand very severe winters. It was highly approved when tried in comparison with other sorts. **Omer Pacha**, as received in the Garden of the Society, proved to be exactly the same as *Myatt's Eliza*.

Excellente (*Lorio*).—Fruit large, roundish-ovate, pale-red, with numerous small prominent seeds. Leafstalks hairy; leaflets broad and thin, widely and sharply serrated. A good bearer, but not well flavoured.

Exhibition (*Nicholson*),—Fruit middle-sized, oblong, ovate, or irregular, bright red; seeds prominent; flesh dull yellow, and of bad flavour. Leafstalks dwarf hairy; leaflets roundish, rather sharply serrated. A good bearer, notwithstanding which it cannot be recommended, owing to its inferior quality.

Filbert Pine (*Myatt*).—Fruit above middle-size, conical, pale-red on the shaded side, and dull purplish red on the exposed side; seeds prominent; flesh firm, solid, and rich, pale, with a pink core. Leafstalks slightly hairy, the hairs adpressed; leaflets roundish oval. The quality of the fruit of this variety is variable, but often remarkably good.

Fill-basket (*Nicholson*).—Fruit rather large, roundish, sometimes flattened on the sides; flesh pale red, with a hollow core, and possessing but little flavour. Leafstalks very hairy; leaflets deeply and sharply serrated, glaucous beneath.

Highland Chief.—Fruit large, roundish or roundish ovate, light red; flesh pale red, soft, rich and very excellent, with an agreeable mild acidity. Leafstalks rough and very hairy; leaflets obovate, coarsely serrated. A first-rate sort.

La Reine (*De Jonghe*).—Fruit middle-sized, of a longish shape, light red; flavour good. The variety cannot, however, be recommended at present, as it appears to be a shy bearer. Further trial is therefore necessary.

Marquise de la Tour Maubourg.—See *Viscomtesse Héricart de Thury*.

Ne Plus Ultra (*De Jonghe*).—Fruit large, of a singular oblong form, dark red; flesh solid, rich, and pleasant. Leafstalks

hairy, the hairs adpressed; leaflets roundish, obovate, rather widely serrated.

Omer Pacha.—See *Eliza.*

Prince of Wales (*Cuthill*).—Fruit middle-sized, conical, bright red; flesh firm, but rather acid. Leafstalks very hairy, the hairs spreading horizontally; leaflets oval or obovate, pale green, glaucous beneath. An extraordinary bearer, ripening late.

Princess Royal of England (*Cuthill*).—Fruit middle-sized, conical or roundish ovate, with a neck, red next the sun, pale red where shaded; seeds prominent; flesh pale red, whitish near the centre, tolerably rich, with an agreeable aroma. Leafstalks hairy, the hairs spreading or horizontal; leaflets rather small, obovate, sharply serrated. An abundant bearer, and worthy of general cultivation.

Ruby (*Nicholson*).—Fruit large, roundish, dark red; flesh pale, soft, with a large core. Leafstalks hairy, the hairs adpressed; leaflets oval, sharply serrated. The flavour of this proved bad.

Sir Walter Scott.—Fruit large, oblong, pointed, deep red, with prominent seeds; flesh pale, firm, but its quality was not approved. The plant is of dwarf, robust habit. Leafstalks very hairy; leaflets roundish or roundish obovate, widely but not deeply serrated.

Stirling Castle Pine.—Fruit large, ovate, dark red; flesh pale red, firm, but of second-rate quality. Leafstalks rough and likewise hairy, becoming brownish-red when old, resembling in these respects the old *Hudson's Bay* Strawberry, from which it seems to have been bred; leaflets obovate.

Triomphe.—This so much resembles the *Hudson's Bay*, as to lead to the conclusion, that it is probably a seedling from it. Its aroma somewhat resembles that of the *Vicomtesse Héricart de Thury*, but the latter is in every respect superior to it.

Vicomtesse Héricart de Thury (*Jamin*).—Fruit middle-sized or large, conical, deep scarlet; seeds bright yellow, slightly imbedded; flesh pale red, with scarely any core; flavour brisk, rich, and sweet. Ripens early, or about the same time as *Keen's Seedling*. Leafstalks moderately tall, hairy, the hairs disposed horizontally, but on the scapes and runners they are adpressed; leaflets obovate, obtusely serrated, smooth above, somewhat hairy beneath. The plant is hardy, a free grower, and a very abundant bearer. The **Marquise de la Tour Maubourg**, and the **Duchesse de Trévise**, proved to be the same as this, in the Garden of the Society.

XIII.—REPORT ON THE VARIETIES OF PEAS.

The following are the results of a series of Examinations undertaken by a Sub-Committee of the Fruit and Vegetable Committee, for the purpose of ascertaining the correct names and the quality of the varieties of Peas; a considerable collection of kinds, obtained from various seedsmen, having been grown, under the same circumstances for this purpose, in the Garden of the Society, at Chiswick, in the past summer.

Class I. SEEDS SMOOTH OR INDENTED ON THE SURFACE.

§ 1. *Seeds White.*

Sangster's No. 1 . . . LEE.
SYN: *Daniel O'Rourke* . . . LEE
Dunnet's First Early . CARTER & Co. / SUTTON & SONS. / MINIER & Co.
Carter's Earliest . . CARTER & Co.
Veitch's First Early . VEITCH & SON (Exeter).
Early Pea B . . . WRENCH.
Early Pea C . . . WRENCH.

The above were all sown March 24th; they came in flower June 1st; and were fit for use June 16th. Height, 3½ to 4 feet. Pods, averaging 6 to 8 on a stem, short, straight, round when full, containing 5—6 peas. The best very early Pea.

Dillistone's First Early . . HURST & MCMULLEN.

Sown, March 24th; in flower, June 1st; fit for use, June 16th. Height, about 3 feet; habit slender. Pods, 6—7 on a stem, straight, cylindrical, scarcely so large as in *Sangster's* No. 1, containing 5—6 small peas. It was considered to be the same as *Prince Albert*, or *Early Kent*.

Early Pea A . . . . . . WRENCH.

Sown, March 24th; in flower, June 1st; fit for use, June 18th. Height, 4 feet. The Committee decided that this was the same as the *Early Emperor*. The dried peas of this and the preceding sorts are very similar.

Tom Thumb . . . . . . PAUL & SON.

Sown, March 24th; in flower, June 4th; fit for use, June 20th.

Height, 1 foot. Pods, 5—6 on a stem, short, a little flattened, containing 5—6 peas, which are rather larger than those of the *Early Frame*. From its dwarf habit, it is very eligible for forcing in frames. This is the *Pois Nain Hâtif extra* of the French.

Ringwood Marrow . . . . . NUTTING & SON.

Sown, March 24th; in flower, June 6th; fit for use, June 25th. Height, 4 feet. Pods, about 7 on a stem, nearly straight, well-filled, containing about 6 large peas.

Dickson's Favourite . . . . . NUTTING & SON.
SYN: *Dickson's Early Favourite*
Torwoodlee . . . . . LAWSON & SON.

Sown, March 24th; in flower, June 11th; fit for use, June 28th. Height, 5 feet. Plant of vigorous growth and very prolific. Pods, 10—12 on a stem, long, round when fully grown, curved, hooked at the extremity, but not so much so as in the *Auvergne*, to which in many respects it bears much resemblance. The pods are remarkably well filled, containing from 8 to 10 peas of medium size, round, and very white. It is highly deserving of cultivation as a second early Pea.

Excelsior Marrow . . { CARTER & Co. / FRASER, RICHARDSON, & GOAD.
SYN: *Knight's Excelsior* { SUTTON & SONS. / NUTTING & SON.

Sown, March 24th; in flower, June 11th; fit for use, June 28th. Height, 5 feet. A strong grower, with broad foliage. Pods, 10—12 on a stem, large, round, slightly curved, containing 8—9 middle-sized peas of good quality. An excellent variety.

Paradise Marrow . . . . . NUTTING & SON.
SYN: *Early Paradise Marrow* . . MINIER & Co.

Sown, March 24th; in flower, June 11th; fit for use, June 30th. A strong grower, 5 feet high. Pods 10—12 on a stem, large, round, slightly-curved, containing 8—9 middle-sized peas. Very similar to the *Excelsior Marrow*, but is scarcely so early.

Early Dwarf Branching Marrow . . PAUL & SON.

Sown, March 24th; in flower, June 11th; fit for use, June 30th. Height, 2 feet. Pods, about 6 on a stem, nearly straight, flattish, containing 7—8 peas of good size and quality.

Harrison's Perfection . . . . CARTER & CO.

Sown, March 24th; in flower, June 6th; fit for use, June 30th. Stems, 3 feet, robust. Pods, 14—15 on a stem, small, straight, containing 5 peas of good size and quality. The only defect is, that the pods do not fill well. When growing this cannot be distinguished from *Harrison's Glory;* but in the mature state the seeds of the former are smooth and white; those of the latter indented, and of an olive colour.

§ 2. *Seeds Blue, Green, or Light Olive-coloured.*

New Green Marrow . FRASER, RICHARDSON, & GOAD.

Sown, March 24th; in flower, June 6th; fit for use, June 27th. Height, 5 feet. Pods, 10—12 on a stem, long, narrow, slightly curved, containing 7—8 large peas, which are compressed from being much crowded. A very distinct sort, on account of its long pods, narrow in proportion to their length. In appearance and quality, however, it is not equal to *Beck's Prizetaker.*

Beck's Prizetaker . . . CARTER & CO.

SYN: *Prizetaker* . . . { HURST & MCMULLEN. NUTTING & SON.

Prizetaker Green Marrow . SUTTON & SONS.

Rising Sun . . . NUTTING & SON.

Sown, March 24th; in flower, June 11th; fit for use, June 30th. Height, 4½ to 5 feet. Pods, 9—10 on a stem, roundish, curved or hooked near the end, well-filled, containing 8—9 middle-sized peas, of a fine green colour when young, and mixed olive and white when dry. One of the best varieties for main crops.

Leicester Defiance . . . . MINIER & CO.

Sown, March 24th; in flower, June 11th; fit for use, June 30th. Height, 5 feet, Pods, 9—10 on a stem, round, slightly curved, containing 8—9 middle-sized peas, mixed olive and white when dry. Very similar to *Beck's Prizetaker.*

Burbidge's Eclipse . . . . NUTTING & SON.

Sown, March, 24th; in flower, June 14th; fit for use, June 30th. Height, 18 inches. Pods, about 10 on a stem, short, flat, and containing 5—6 large peas, of good quality, bluish olive-green and slightly indented in the dried or ripened state.

Flack's Victory . . . . . NUTTING & SON.

Sown, March 24th; in flower, June 14th; fit for use, June 30th. Height, 2 feet. Pods 10 on a stem, short, straight, rather flat, containing about 6 medium-sized peas, mixed olive and white when dry, and also indented.

Harrison's Glory . . . . { NUTTING & SON. CARTER & CO.

Sown, March 24th; in flower, June 6th; fit for use June 27th. Height, 3 feet, of a bushy, robust habit of growth. Pods, about 16 on a stem, rather short, nearly straight and flattish, containing 5—6 medium-sized peas of good quality, light olive mixed with white when dry, and also slightly indented. A good variety, but like *Harrison's Perfection* above noticed, it has the defect of the pods being frequently not well filled.

Batt's Wonder . . BATT, RUTLEY, & SILVERLOCK.

Sown, March 24th; in flower, June 18th; fit for use, July 5th. Height, 3 feet, and of robust growth; foliage, dark green. Pods, 10—12, on a stem, narrow, nearly straight, but exceedingly well filled, containing 7—9 peas of medium size, which become small, smooth, and bluish-green when dry. This variety withstands drought well, and the pods will hang long before the peas get too old for use. It is an excellent pea for a second crop.

Garbutt's Amazon . . . . . FLANAGAN & SON.

Sown, March 24th; in flower, June 14th; fit for use, July 5th. Height, 6 feet. Pods, 8—9 on a stem, slightly curved, roundish, well filled with 7—8 large peas, which are mixed olive-coloured and white when dry, and slightly indented.

Stradsett Marrow . . . . . FLANAGAN & SON.

Sown, March 24th; in flower, June 14th; fit for use, July 5th. Height, 6 feet. Pods, 8—9 on a stem, straight, broad and flattish, containing 7—8 large peas, of a fine green colour, but tasteless when cooked; their skins, moreover, are too thick. Such being the case, the variety cannot be recommended for cultivation. The seeds when dry are mostly light olive, very few being white, and they are slightly indented.

Sutton's Berkshire Hero . . . SUTTON & SONS.

Sown, March 24th; in flower, June 21st; fit for use, July 11th. Height, 8 feet, of strong growth. Pods, 12 on a stem, large,

long, very slightly curved, well-filled, with 7—8 large peas, which are greyish-olive, and some yellowish-white when dry. The dry seeds are large compared with most others in the same state, and compressed as well as slightly indented.

Denyer's Prolific Green Marrow . . SUTTON & SONS.

Sown, March 24th; in flower, June 20th; fit for use, July 11th. Height, 6—7 feet. Pods 10 on a stem, straight, containing 6—8 peas, of a fine green colour, but not very sweet; they are mixed light olive-coloured and white when dry, but mostly white, and they are also indented.

Class II. SEEDS COMPRESSED AND WRINKLED ON THE SURFACE.

§ 1. *Seeds White.*

Alliance . . . . . . CARTER & CO.

SYN.: *Eugénie* . . . . { NUTTING & SON. LEE.

Sown, March 24th; in flower, June 3rd; fit for use, June 25th Height, about 3 feet, and of strong robust growth. Pods, 10 on a stem, nearly straight, flattish, not very well filled; peas, 5—6, large and sugary.

Lynn's Prolific Wrinkled . . . NUTTING & SON.

Sown, March 24th; in flower, June 23rd; fit for use, July 11th. Height, 3½ feet. Pods, 10—12 on a stem, small, cylindrical, nearly straight, very closely packed with 6—8 peas, which are rather small and much crowded, their adjoining sides being quite flat, so that the peas in their green state have the form of short sections of a cylinder, and when dry, the ends become depressed. The hilum is marked with a small black speck; as in the worthless *egg* pea, sometimes called *Black-eyed Susan.*

Carter's Victoria . . . . CARTER & CO.
SYN: *Carter's Eclipse* . . . CARTER & CO.
Thorne's Royal Britain . HURST & MCMULLEN.
Buckley's Gen. Wyndham . HURST & MCMULLEN.

Sown March 24th; in flower June 20th; fit for use July 8th. Height 6—7 feet. Pods 10—12 on a stem, very large, very slightly curved, containing 7—9 large peas, which are sweet and excellent. It continues to bear late; and the pods and peas are larger than those of *Knight's tall white Marrow.* This is one of the best late tall peas.

§ 2. *Seeds Blue, Green, or Light Olive-coloured.*

Veitch's Perfection . . . { VEITCH & SON (Exeter). VEITCH (Chelsea).

Sown March 24th; in flower June 14th; fit for use July 8th. Height, 3½ to 4 feet, of strong robust growth, sometimes branched. Pods, 10—12 on a stem, large, flat, straight, containing 6—8 large peas, which are very sugary and excellent. The dried seeds are large, of a light olive-green colour, some being nearly white. It is one of the very best peas for main or late crops.

Climax . . . . . . { CARTER & CO. LEE.

SYN.: *Napoléon* . . . . . { NUTTING & SON. LEE.

Sown March 24th; in flower June 4th; fit for use June 25th. Height 3½ feet, somewhat robust in growth. Pods, 10—13 on a stem, straight, flat, not very well filled, containing only 5—6 peas, which are however large and sugary. Dry seeds light-olive, few being nearly white. Very similar to *Alliance*, the only difference being in the colour of the seeds. Both are of excellent quality as early sugary marrows, but they are not prolific.

Fairhead's Excelsior . . . . SUTTON & SONS.

Sown March 24th; in flower, June 6th; fit for use, June 27th. Height, 3½ feet. Pods, 12 on a stem, small, straight, not very well filled, containing 5—6 medium-sized peas, of an olive-colour when dry.

Lord Raglan . . . . . CARTER & CO.

Sown March 24th; in flower, June 6th; fit for use, July 4th. Height, 3½ feet. Pods, 10—12 on a stem, small, nearly straight, and not very well filled, containing 5—7 peas, of a fine green colour, but not so sugary as those of *Veitch's Perfection* and *Climax*. The dry seeds are light olive.

Monarch . . . . . . NUTTING & SON.

Sown, March 24th; in flower, June 18th; fit for use, July 5th. Height 6 feet. Pods, 8—10 on a stem, large, flat, straight, but containing only 6 large peas of a fine green colour and sweet; dried seeds light olive.

Tall Green Mammoth . . . . NUTTING & SON.

Sown March 24th; in flower, June 18th; fit for use, July 5th. Height, 8 feet. Pods, 12—14 on a stem, flattish, nearly straight, not well filled, containing only 4—6 peas, light olive and white when dry.

Ne plus ultra . . . { LEE. NUTTING & SON.

SYN.: *Jay's Conqueror* . . NUTTING & SON.
Payne's Conqueror . . HURST & MCMULLEN.

Sown March 24th; in flower, June 18th; fit for use, July 5th. Height, 7 feet. Pods, 10—12 on a stem, large, slightly curved, well filled, containing 7—9 large peas of a fine green colour, sugary and excellent; the dried seeds dark olive, and some white. This is one of the best tall marrows.

Competitor . . . . CHARLWOOD & CUMMINS.

Sown March 24th; in flower, June 14th; fit for use, July 4th. Height, 5 feet. Pods, 8—10 on a stem, large, straight, cylindrical, containing only 5—6 peas, but these are very large; dry seeds of a nearly uniform olive colour.

XIV.—THE GOLDEN OR AUSTRALIAN CRESS.

This plant is of dwarf habit. The leaves when very young, are obovate, entire, afterwards becoming toothed; the older ones oblong-obovate, lyrately-pinnatifid or pinnate, the terminal lobe large, irregularly and deeply cut, the incised portions overlapping, and the whole of the margin finely and sharply serrated; they are pale or yellowish green; flavour milder than that of the Common, or Curled Cress.

Samples named as follows were sown for trial, during the past summer, at the garden:—

Golden Cress . . . . . LAWSON & SON.
Australian Salad Cress . . . E. G. HENDERSON.
New Australian Cress . . . CARTER & CO.

The Golden Cress was introduced by the Horticultural Society upwards of thirty years ago, as will appear from the following extract from a Report, published in 1826 in the Society's

Transactions (vi. 583), on New or Remarkable Esculent Vegetables cultivated in the Garden of the Society :—

"This is rather slower in growth than the Common Cress, The leaves are of a yellowish green, flat, oblong, both crenated and entire, and of a much thinner texture than any of the varieties of the Common Cress. It is very dwarf, and is consequently short when cut as a salad herb for use. It has a mild and delicate flavour. When run to flower it does not exceed 18 inches in height.

"Seeds of this Cress were received from M. Vilmorin, under the name of *Cresson Doré ;* it is at present but little known in this country, but certainly deserves more general cultivation, as it affords a pleasant addition to our stock of small salads. In the notice of it in the *Bon Jardinier,* it is treated as a variety of the Common Cress, *Lepidium sativum,* but it is probably a distinct species."

Various sowings were made from packets of seeds received under the above name and synonyms, in the present year; but the sub-committee of the Fruit and Vegetable Committee could detect no difference in the respective productions. The seeds were sown at the same time, and precisely under the same circumstances, whether in the open border or in boxes.

Many thousands of packets of vegetable seeds, both English and French, have been sent to the Colonies by the Horticultural Society; it is therefore probable that the Golden Cress has been amongst those sent to Australia, and that it has been thence re-imported.

XV.—THE NEW GARDEN AT KENSINGTON GORE.

At a meeting of the Council held on November 18th, the Report of the sub-committee appointed to examine the applications for the situation of Superintendent of the Gardens, was received, and Mr. GEORGE EYLES, who was strongly recommended by them, as being eminently qualified for the office, was unanimously appointed to take charge of the Society's Garden establishments.

It was also reported to them, that the sum proposed to be raised for the formation of the New Garden had been subscribed; and that the following letter had been addressed by the Secretary to the Royal Commissioners:—

SIR, November 14, 1859.

I have now the pleasure to report, for the information of Her Majesty's Commissioners for the Exhibition of 1851, that the sum of 50,000*l.* for the formation of the New Garden at Kensington Gore, has been subscribed for, and that the Council are ready to execute the lease.

I have the honour to be, Sir,
Your obedient Servant,
JOHN LINDLEY.

Edgar Bowring, Esq., Whitehall.

The Council thereupon resolved to close the Debenture list, and to confine future contributions to Donations and Life Memberships. The following is a list of the contributions which are permitted to be announced:—

HER MOST GRACIOUS MAJESTY THE QUEEN, *Patron of the Society*; a Donation of 1000*l.*, and Life Memberships for

H.R.H. THE PRINCE OF WALES,
H.R.H. THE PRINCESS ALICE,
H.R.H. THE PRINCE ALFRED,
H.R.H. THE PRINCESS HELENA,
H.R.H. THE PRINCESS LOUISA,
H.R.H. THE PRINCE ARTHUR,
H.R.H. THE PRINCE LEOPOLD,
H.R.H. THE PRINCESS BEATRICE.

H.R.H. THE PRINCE CONSORT, *President of the Society*; a Donation of 500*l.*, and Debentures to the amount of 1000*l.*

H.R.H. THE PRINCESS FREDERICK WILLIAM OF PRUSSIA; a Life Membership.

H.R.H. THE DUCHESS OF KENT; a Life Membership.

H.R.H. THE DUCHESS OF CAMBRIDGE; a Life Membership.

H.R.H. THE PRINCESS MARY; a Life Membership.

	Donations.	Life Memberships.	Debentures.
Earl Granville	....	One	£100
Countess Granville	....	One	
Hon. Frederick Leveson Gower, M.P., F.H.S. . . .	....	One	
George Granville Leveson Gower, Esq.	....	One	
G. A. Stewart, Esq.	....	One	
Sir John Dalberg Acton, Bart., M.P.	....	One	

	Donations.	Life Memberships.	Debentures.
The Duke of Newcastle	....	One	
The Duke of Manchester	....	One	
The Duchess of Manchester	....	One	
Lady Ulrica Thynne	....	One	
The Marquis of Ailesbury	....	One	
The Marchioness of Ailesbury	....	One	
C. Wentworth Dilke, Esq., F.H.S., *Vice-President*	....	One	£500
Henry A. Hunt, Esq., Tooting	....	Three	
E. A. Bowring, Esq.	....	One	
H. R. Williams, Esq.	....	One	
Earl of Ellesmere	....	One	
Dr. Lindley, F.H.S., *Secretary*	....	....	200
The Earl of Harrowby, F.H.S.	....	One	
Sir J. F. Davis, Bart., F.H.S.	....	....	1000
Edmund H. Joynson, Esq., F.H.S., St. Mary's Cray, Kent	....	One	
Duke of Leinster, F.H.S.	....	One	100
The Marchioness of Kildare	....	One	
Lord Gerald Fitzgerald	....	One	
Lord Otho Augustus Fitzgerald	....	One	
George W. J. Repton, Esq., M.P.	....	One	
Lady Jane Repton	....	One	
Earl of Ducie, F.H.S., *Vice-President*	....	Two	200
R. C. L. Bevan, Esq.	....	One	
Mrs. Bevan	....	One	
Mr. John R. Challice, F.H.S., Ivy Bridge, Devon	....	One	
J. Russell Reeves, Esq., F.H.S.	....	Five	500
Edward Kinnersly, Esq., F.H.S., Binfield Manor, Berks.	....	One	100
Hon. Payan Dawnay, F.H.S.	£10 0	....	
Sir Proby Cautley, F.H.S.	....	One	
Colonel Long, F.H.S., Bromley	25 0	....	
Sir Richard Frederick, Bart., F.H.S.	50 0	....	
Earl of St. Germans, F.H.S.	....	One	100
Lord Eliot	....	One	
Lady Rolle, F.H.S.	52 10	....	
Sir John Cathcart, Bart., F.H.S.	21 0	....	
Earl of Cawdor, F.H.S.	25 0	....	
Beriah Botfield, Esq., M.P., F.H.S.	....	One	
John Ames, Esq., F.H.S., Clevelands, Lyme	....	One	
Sir Roderick I. Murchison	....	One	200
Lady Murchison, F.H.S.	....	One	
C. S. Whitmore, Esq., Q.C.	....	One	200
J. G. Hubbard, Esq., F.H.S., Addington Hall, Winslow	....	Three	
Samuel Gurney, Esq., M.P., F.H.S.	....	One	500
Lord Ashburton, F.H.S.	50 0	Two	
Adam S. Gladstone, Esq., F.H.S., Liverpool	....	....	100
G. Forbes, Esq., F.H.S., Bereleigh, East Meon	....	....	100
Mr. I. Mc Pherson, F.H.S.	1 1	....	
W. M. Fladgate, Esq.	....	Three	
H. Barnard, Esq., F.H.S., Park Gate, Ham Common	....	One	
Miss Baring	....	One	
J. R. Gowen, Esq., F.H.S.	....	One	100
Joseph N. Walker, Esq., F.H.S., Liverpool	50 0	Two	300
Mr. John Clark, F.H.S.	....	One	
John Noble, Esq., F.H.S.	....	One	
Lord Taunton	....	One	
Lady Taunton	....	One	
Hon. Miss Labouchere	....	One	
Hon. Miss Mina Labouchere	....	One	
Hon. Miss Emily Labouchere	....	One	
Sir Charles Lyell, F.R.S.	....	One	
Lord Overstone, F.H.S.	....	One	
Lady Overstone	....	One	
Lieut.-Colonel Loyd Lindsay	....	One	
Hon. Mrs. Loyd Lindsay	....	One	
Colonel W. Kirkman Loyd	....	One	
Miss Eliza Loyd	....	One	
T. Field Gibson, Esq., Sandown, Isle of Wight	....	One	100
Right Hon. Robert Lowe, M.P.	....	One	
James Veitch, Jun., Esq., F.H.S.	....	Two	
Henry G. Bohn, Esq., F.H.S., Twickenham	....	Two	

	Donations.	Life Memberships.	Debentures.
A. F. Godson, Esq.	....	....	£100
Miss H. B. Godson	....	....	100
Miss A. M. Godson	....	....	100
Miss M. E. Godson	....	....	100
Miss D. S. Godson	....	....	100
Mr. C. Edmonds, F.H.S.	....	....	100
H. T. Hope, Esq., F.H.S., Deepdene	....	....	200
John C. Whiteman, Esq., F.H.S.	....	....	100
Sir Joseph Paxton, M.P., F.H.S.	....	....	500
Matthew Uzielli, Esq.	....	Two	500
Robert Napier, Esq., Glasgow	....	Two	
Richard Redgrave, Esq., R.A.	....	....	200
Henry Cole, Esq., C.B., F.H.S.	....	....	200
James R. Scott, Esq., F.H.S., Hornsey	....	One	
W. Wilson Saunders, Esq., F.H.S., *Treasurer*, Reigate	....	....	500
J. J. Blandy, Esq., F.H.S., *Vice-President*, Reading	....	....	300
Sir William Cubitt	....	Two	
Sir Charles Barry, R.A.	....	One	
W. Coulson, Esq., Q.C.	....	One	
J. Gott, Esq., Leeds	....	Five	
George Wood, Esq., F.H.S., Rochford	....	....	100
Captain Fowke, R.E.	....	....	200
MacLeod, of MacLeod	....	....	100
Samuel Redgrave, Esq.	....	....	100
Lady Lamb	....	One	
Walter Ewer, Esq., F.H.S.	£50 0	....	
Colonel Harcourt, F.H.S.	....	One	
Rev. Thomas Staniforth, F.H.S., Storrs, Windermere	....	One	
William Heathcote, Esq.	....	One	
Lord Boston, F.H.S.	....	One	300
General Watkins	....	One	
Lady Eastlake	....	One	
Henry White, Esq., F.H.S.	....	....	100
John Henry Lance, Esq., F.H.S., Holme Wood, Dorking	....	Two	300
Stephen Bird, Esq.	....	One	100
Rt. Hon. T. Milner Gibson, M.P.			
Mrs. Milner Gibson			
Thomas Bazley, Esq., M.P., Manchester	....	Five	
W. J. Phelps, Esq., F.H.S., Chestal, Dursley	....	One	
Alfred Fowler, Esq.	....	One	
D. D. Heath, Esq., F.H.S., Kitlands, Dorking	....	One	100
John Bell, Esq.	....	One	
T. R. Auldjo, Esq.	....	One	
Charles Hill, Esq., F.S.A.	....	One	
Miss Burdett Coutts	....	One	500
William M. Coulthurst, Esq., F.H.S., Streatham	....	....	500
Edmund Coulthurst, Esq.	....	One	
Edward Weston, Esq., Hornsey	....	One	
Thomas Meynell, Esq., the Fryerage, Yarm.	....	One	500
Edward Marjoribanks, Esq., F.H.S.	....	....	500
Edward Holmes Baldock, Esq.	....	One	
Thomas Broadwood, Esq., Holme Bush, Cranley	....	Two	100
Henry Langley, Esq.	....	One	
Gawthorn Hardy, Esq., M.P.	....	One	100
W. Forsyth, Esq.	....	One	
Professor R. Westmacott, R.A.	....	....	500
B. M. Power, Esq.	....	....	300
Earl of Lichfield, F.H.S.	....	One	
Thomas William Tatton, Esq., F.H.S.	....	....	200
Thomas C. Higgins, Esq., F.H.S., Turvey House, Bucks	....	....	100
William Richard Hopkins Northey, Esq.	....	....	200
David Fullerton, Esq., F.H.S., Renchcombe Park	....	One	
Mrs. Fullerton	....	One	
George Ellis, Esq., F.H.S.	5 0	....	
Rev. James Heyworth, F.H.S., Henbury Hill, Bristol	....	...	500
Miss Turner, F.H.S., Rook's Nest, Godstone	....	One	
Thomas Baring, Esq., M.P.	....	One	100
Professor Owen, F.R.S.	....	....	100
Colin Minton Campbell, Esq., Stoke-upon-Trent	....	One	
Henry Webb, Esq., Harlow	10 10		

	Donations.	Life Memberships.	Debentures.
Sir James Clark, Bart.	....	....	£100
Benjamin Norden, Esq.	....	One	
John Gaskell, Esq., St. Nicholas-at-Wade, Margate	....	One	
W. Colnett, Esq., Kensington	....	....	100
Mrs. Colnett	....	....	100
Miss Colnett	....	....	100
Earl of Shannon, F.H.S.	....	One	
W. M. Thackeray, Esq.	....	....	100
Marquis of Salisbury, F.H.S.	....	....	500
Samuel Reynolds Solly, Esq., F.H.S., Serge Hill, St. Albans	....	One	300
Everard Brande, Esq., F.H.S.	....	....	200
Joseph Joel, Esq., (Montevidean Vice-Consul)	....	One	
William Reed, Esq.	....	....	500
Sir Alexander P. Gordon Cumming, Bart., F.H.S.	....	One	
Mr. John Henry Bird, F.H.S.	....	One	
Edward Banks, Esq., F.H.S., Sholden, Deal	....	....	400
Thomas Hancock, Esq., F.H.S., Stoke Newington	....	....	100
Rev. L. Vernon Harcourt, F.H.S., *Vice President*	....	....	500
Duke of Cleveland, F.H.S.	....	One	
George Brough, Esq.	....	....	100
Sir William Middleton, Bart., F.H.S.	....	One	
Sir Thomas Dyke Acland, Bart., F.H.S.	....	One	
Dr. Acland, F.R.S., Oxford	....	....	200
Horatio Micholls, Esq., F.H.S., Bowdon, Cheshire	....	One	
C. D. E. Fortnum, Esq., Stanmore	....	....	100
Mrs. C. D. E. Fortnum	....	....	100
Miss Fortnum, Chalvey Park, Slough	....	....	100
Horatio G. M. Stewart, Esq., F.H.S., Cally, Gatehouse, N.B.	....	One	
Right Hon. Colonel Tighe, F.H.S.	....	...	100
Sir Charles Locock, Bart.	....	One	
Miss Robertson	....	One	
William Jackson, Esq., M.P., Birkenhead	....	One	
Lord Wm. Powlett	....	One	
Henry Wilson, Esq., F.H.S., Stowlangtoft Hall, Suffolk	....	One	
George Wood, Esq.	....	One	
Mrs. Wood	....	One	
Miss Wood	....	One	
Master Wood	....	One	
James Scott, Esq.	....	One	300
Lady Louisa Tenison, F.H.S.	....	One	
Mr. G. Dixon	....	....	100
W. R. C. Stansfield, Esq., Esholt Hall, Leeds	....	....	200
Robert S. Holford, Esq., M.P., F.H.S.	....	One	100
Mr. Joseph Henderson, F.H.S.	£1 1	....	
Right Hon. H. Fitzroy, M.P.	....	Two	
Mr. Wm. Barron, F.H.S.	....	One	
G. H. Tod Heatly, Esq.	....	One	100
Joseph Locke, Esq., M.P.	....	Five	500
Earl of Harrington, C.B.	....	....	1000
Edward Fellowes, Esq., M.P., F.H.S.	....	One	
Sir John Kirkland	....	Two	200
Charles Hammersley, Esq., F.H.S.	....	One	
Mr. George Wright	....	....	200
Titus Salt, Esq., M.P., Bradford	....	Three	
Charles R. Harford, Jun., Esq.	....	One	
Sir George Cornewall Lewis, Bt., M.P.	....	One	
Lieut.-Gen. Hon. John Finch, C.B.	....	....	100
Thomas Forty, Esq.	....	One	
G. T. Davy, Esq., F.H.S.	....	Five	
Wm. Christie, Esq.	....	....	100
Mrs. Christie	....	....	100
Mr. Eyles	....	....	100
Earl of Dartmouth	....	One	
Capt. W. Gray, M.P.			
Robert Benson, Esq.	....	One	
Henry Snook, Esq.	....	....	100
Miss A. Lætitia Snook	....	One	
Duncan Macgregor, Esq.	....	....	100
Capt. Ross, R.E.	....	....	100
Walter Hawkins, Esq.	....	One	

	Donations.	Life Memberships.	Debentures.
Lady Erle, F.H.S.	....	....	£500
Charles Chatfield, Esq., Croydon	....	One	
James Vickers, Esq., F.H.S., Woodlands, Tooting	....	One	
Duchess Dowager of Norfolk	....	Two	
John Clutton, Esq., F.H.S.	....	Two	
Sydney Smirke, Esq., R.A.	....	....	200
Thomas Fairbairn, Esq., Manchester	....	One	
Thomas Ashton, Esq., Manchester	....	One	
A. H. Novelli, Esq.	....	One	
W. G. Romaine, Esq.	....	One	
Duke of Rutland	....	Two	
W. C. Long, Esq.	....	....	100
F. Wright, Esq. Osmaston Manor, Derby	....	One	
George Moffatt, Esq.	....	One	
John Webb, Esq.	....	....	200
Rev. D. A. Beaufort, Warburton Rectory, Warrington	....	....	400
Col. J. W. Gordon, C.B.	....	....	100
William Tite, Esq , M.P.	....		
Sir R. P. Glyn, Bart., F.H.S.	£50 0		
Sir John C. Thorold, Bart.	....	....	200
W. T. Hibbert, Esq.	....	One	200
Wm. Allcard, Esq., F.H.S.	....	One	
Mr. Edward Milner	....	....	200
Francis Galton, Esq.	....	One	100
Wm. Salt, Esq.	....	One	
Mrs. Salt.	....	....	100
Miss Mary Salt	....	One	
John Edward Bartlett, Esq., F.H.S., Aylesbury	....	One	
Edwin Chadwick, Esq., C.B., F.H.S., Richmond	....	....	200
Edmund Johnston, Esq., F.H.S., Beaulieu, Southgate	....	One	
Frederick Cass, Esq., F.H.S., Littlegrove, East Barnet	....	One	
William Phillipps, Esq., F.H.S., Reigate	....	One	
Alexander Druce, Esq., F.H.S., Dulwich Common	....	....	100
Sir R. Throckmorton, Bart., F.H.S.	....	One	
Lord Egerton of Tatton, F.H.S.	....	....	200
Charles Deane, Esq., F.H.S.	....	....	100
George Godwin, Jun., Esq.	....	One	
George Spencer Ridgway, Esq., F.H.S., Turnham Green	....	....	200
James Backhouse, Jun., Esq., F.H.S., York	10 10		
W. H. Hawkins, Esq., F.H.S., Nutfield	....	One	
W. H. Belli, Esq.	....	One	
Marquis of Chandos	....	One	100
Thomas B. Potter, Esq., F.H.S., Buile Hall, Manchester	....	One	
Lady Wilmot Horton, F.H.S.	....	....	100
Thomas Henry Allen Poynder, Esq., Hartham Park, Corsham	....	One	
Mrs. Poynder	....	One	
Right Hon. B. Disraeli, M.P.	....	One	
Alexander J R. Stewart, Esq., F.H.S., Ardes, Cashelmore	....	One	
Lady Isabella Stewart	....	One	
Rev. John C. Clark, F.H.S., Cowley Hall, Chertsey	5 0		
H. B. Alexander, Esq., Barnes, Surrey	....	Two	100
Philip Rose, Esq.	....	....	100
Edward Wood, Esq., Burslem	....	....	200
Thomas Dyer Edwardes, Esq.	....	....	500
Thomas Dyer Edwardes, Jun., Esq.	....	....	100
Miss Mary Dyer Edwardes	....	....	100
Miss Caroline Isabella Edwardes	....	....	100
Miss Elizabeth Sarah Edwardes	....	....	100
Miss Anne Sophia Edwardes	....	....	100
John Kelk, Esq., Stanmore	....	One	
Mrs. Kelk	....	One	
John William Kelk, Esq.	....	One	
George Edward Kelk, Esq.	....	One	
Wm. Hine, Esq.	....	One	
Rev. John A. Wedgwood, F.H.S., Dumbleton Rectory	....	One	
J. W. Burmester, Esq.	....	One	100
Herbert Taylor, Esq.	....	....	300
Mrs. Herbert Taylor	....	....	100
Herbert John Taylor, Esq.	....	....	100
Miss Taylor	....	....	100

	Donations.	Life Memberships.	Debentures.
Right Hon. W. Cowper, M.P.	....	One	
Decimus Burton, Esq.	....	One	
Simon Hyam, Esq.	....	....	£200
J. A. F. Hawkins, Esq.	....	One	
J. Bramley-Moore, Esq., Liverpool	....	One	
James Cook, Esq., F.H.S.	....	One	
Edward Rosher, Esq., F.H.S.	....	One	
Rev. William Rogers	£5 0		
Marquis of Westminster	....	One	100
James Bateman, Esq., F.H.S.	25 0		
Edward Howley Palmer, Esq.	....	One	
Colonel Pitcairn	....	....	200
Henry Greville, Esq.	....	....	100
Miss Cuninghame, F.H.S., Corehouse, Lanark	....	....	300
Alfred Sartoris, Esq.	....	....	200
Major Usborne, Esq.	....	....	300
Very Rev. Dean of Canterbury	....	One	500
Arthur Augustus Rasch, Esq., Ewell, Surrey	....	....	100
Miss Mary Louisa Rasch	....	....	100
Miss Florence Catherine Rasch	....	....	100
George Newen, Esq.	....	....	1000
Lady Charles Wellesley, F.H.S.	....	One	
Colonel F. H. Turner, Jersey	....	....	300
Richard Benyon, Esq., F.H.S., Englefield House, Reading	....	One	
Hon. Robert Curzon, Jun.	....	....	100
Hon. Mrs. Curzon	....	....	100
Charles Ratcliffe, Esq., F.H.S., Downing College	....	One	
Rev. J. M. Heath, Enfield, Middlesex	....	One	
Captain George Stevenson	....	....	200
Major H. Holford Stevenson	....	....	100
Charles Richard Fenwick, Esq.	....	....	100
Mrs. Fenwick	....	One	
Lord John Manners, M.P.	....	One	200
F. Leybourne Popham, Esq., F.H.S., Littlecote, Pangbourne	....	....	100
James Booth, Esq.	....	One	200
Saul Isaacs, Esq.	....	One	100
Mrs. Isaacs	....	....	100
James Pratt Barlow, Esq.			
Frederick Pratt Barlow, Esq.	....	....	500
Professor John Wilson, F.R.S.E., Iver, Uxbridge	....	....	100
Mrs. Wilson	....	....	100
M. Ewing, Esq., Iver House	....	....	300
Mrs. Ewing	....	....	200
Rev. R. M. Boultbee, Iver Grove	....	....	100
Mrs Boultbee	....	....	100
Miss Boultbee	....	....	100
Miss J C. Boultbee	....	....	100
Miss Bancroft, Round Coppice, Iver Heath	....	....	200
William Good, Esq., Round Coppice, Iver Heath	....	....	100
Alexander Rowland, Esq., F.H.S., Lewisham	....	Two	
J. H. Good, Esq., F.H.S.	....	....	200
Miss Good	....	....	100
Miss Emma Good	....	....	100
T. H. Longden, Esq.	....	....	100
R. Hannah, Esq.	....	....	100
Mrs. Hannah	....	One	
Dr. Bence Jones, F.R.S.	....	One	
Robert William Eastwick, Esq.	....	....	100
Mrs. Edward B. Eastwick	....	....	100
Richard Gunter, Esq.	....	....	100
Mrs. Richard Gunter	....	....	100
G. R. G. Ricketts, Esq., F.H.S, North Stoneham	5 0		
Peter Graham, Esq.	....	....	100
Dr. Protheroe Smith	....	One	
Mrs. Shaw	....	....	200
Mrs. Allason	....	....	200
General Sir Hugh H. Rose, G.C.B.	...	....	1000
Samuel Stepney, Esq.	....	....	100
Sigismund Rucker, Esq., F.H.S.	....	....	100
E. Z. Dresden, Esq.	....	One	

	Donations.	Life Memberships.	Debentures.
Miss D. M. Bacon, Wandsworth Road	....	....	£100
James Holmes, Esq., F.H.S.	....	....	200
Rev. Frederick Beadon, F.H.S., North Stoneham	£10 0	....	
A. J. Baker Cresswell, Esq., F.H.S.	....	One	
Sir John Boileau, Bart., F.H.S.	....	....	100
Charles Leach, Esq., F.H.S.	....	Two	
Alexander Zanzi, Esq.	....	....	100
Mrs. Zanzi	....	One	
Colonel Westmore	....	....	100
Mrs. Westmore	....	....	100
Sir William B. Call, Bart.	....	....	100
George R. Marten, Esq.	....	....	100
Mr. W. B. Booth	....	....	100
Mrs. Keeling	....	....	100
Miss Keeling	....	One	
Miss Emily Keeling	....	One	
Major-General Sir Travell Phillips	....	....	100
George Capes, Esq.	....	....	100
C. J. Freake, Esq.	....	Three	
Samuel Hughes, Esq.	....	....	100
Mrs. Challoner	....	One	
Viscount Eversley, F.H.S.	....	One	
Captain Douglas Galton, R.E.	....	One	100
Harry Chester, Esq.	....	....	200
Frederick Lack, Esq.	....	....	100
Charles F. Cundy, Esq.	....	....	100
Sir S. Morton Peto, Bart., M.P.	....	One	
Lady Peto	....	One	
Vice-Admiral Deacon	....	One	200
F. M. Hall Dare, Esq.	....	One	
J. S. W. S. Erle-Drax, Esq., M.P., F.H.S.	....	One	
William Goding, Esq., Taplow	....	One	
Miss Waudby	....	....	100
William Henry Norton, Esq., Woodbridge	....	....	100
J. S. Law, Esq., F.H.S.	....	One	
Earl of Derby	....	One	100
Lady Emma Stanley	....	One	
Robert Buckley, Esq.	....	....	200
Mrs. B. Harvey, Montpelier Road, Brighton	....	Two	
Mrs. Kincaid Smith, Montpelier Road, Brighton	....	One	
James Nichols, Esq.	....	Two	
Edward Smirke, Esq., Vice-Warden of the Stannaries	....	....	100
Sir Thomas Phillips	....	....	100
Colin G Campbell, Esq.	....	One	
Captain Edward Walter	....	One	
George Sandars, Esq., M.P., F.H.S.	....	One	
Mr. R. Glendinning, F.H.S.	....	One	
Lieut.-General Charles R. Fox, F.H.S.	....	....	400
John Murray, Esq., Wimbledon	....	One	
Samuel Isaac, Esq.	....	One	200
Sir Robert Brownrigg, Bart.	....	....	200
Mr. Commissioner Evans, F.H.S.	....	....	100
A. W. McTier, Esq., F.H.S.	....	One	
G. G. Barrett, Esq.	....	....	100
Sir Henry Keating.	....	....	200
Lady Keating	....	One	
Lady Caroline Neeld	....	One	
Charles Parker, Esq., F.H.S.	....	One	
Abel Birch, Esq.	....	....	100
Mr. William Falkner Birch	....	....	100
Mr. A. Falkner Birch	....	....	100
Thomas Critchley, Esq.	....	One	
Gilbert Henderson, Esq.	....	One	
Mrs. Henderson	....	One	
Miss Courtoy	....	....	100
Miss Elizabeth Courtoy	....	....	100
James J. Wheble, Esq., F.H.S.	....	....	100
Duke of Buccleuch, F.H.S.	....	One	
Duchess of Buccleuch	....	One	
Henry Blake, jun., Esq.	....	....	100

	Donations.	Life Memberships.	Debentures.
Robert Hollond, Esq., Stanmore	....	....	£100
Wm. Henry Gore Langton, Esq., M.P.	....	One	
J. W. Childers, Esq., F.H.S.	....	One	
Captain Henry Ward	....	One	
John Rogers, Esq.	....	One	
Mrs. Gunter	....	One	
Miss Gunter	....	....	100
Wm. Henry Cole, Esq.	....	One	100
Robert Augustus Aspinall, Esq.	....	....	100
Stephen Seagrave, Esq.	....	....	100
Mrs. Arthur W. Jaffray	....	One	
William Gibbs, Esq., F.H.S.	....	Two	100
Lord Middleton, F.H.S.	....	One	
James Milner, Esq.	....	....	100
Charles Paget, Esq., M.P.	....	....	100
Major-General Rawdon	....	One	
Robert Hanbury, Esq. M.P.	....	One	
Hon. George C. Mostyn	....	....	100
Hon. Mrs. Mostyn	....	....	100
Captain C. R. Egerton, R.N.	....	One	
William Lee Wright, Esq.	....	....	100
Mrs. Lee Wright	....	....	100
R. W. S. Lutwidge, Esq.	....	One	
Mrs. Sarah Le Blanc	....	....	100
Lieut.-General De la Motte, C.B.	....	....	400
Dr. Cahill	....	....	500
C. W. Reynolds, Esq.	....	....	200
Jonathan Hopkinson, Esq.	....	....	300
John Elger, Esq.	....	One	
George Gwyn Elger, Esq.	....	One	
Viscount Sydney	....	One	
John W. Brett, Esq.	....	One	
Mrs. James Maberley	....	One	
H. Wollaston Blake, Esq.	....	One	
Henry John Nicoll, Esq.	....	....	100
Mrs. Nicoll	....	....	100
Mrs. Morris	....	....	100
Hon. C. Lennox Butler	....	One	
George S. Trower, Esq.	£25	....	
Lieut.-Colonel Meyrick	....	One	
Mrs. Cholmeley Dering	....	....	100
F. J. Dalgety, Esq.	....	One	
Mrs. Dalgety	....	One	
Rev. John Antrobus	....	....	100
Mrs. Seton Laing	....	One	
Wm. Henry Ince, Esq., F.L.S.	....	....	100
Henry A. Ince, Esq.	....	....	100
Francis J. Sloane, Esq., F.H.S., Florence	....	One	
Higford Burr, Esq.	....	One	
Geo. Robert Smith, Esq.	....	One	
Lord Belper, F.H.S.	....	One	
Miss Ann Strutt, Derwent Bank, Derby	....	One	
C. Morrison, Esq.	....	One	
H. T. Lambert, Esq.	....	One	
C. P. Leslie, Esq. M.P., F.H.S.	....	One	
Lady Louisa Thynne	....	One	
J. G. B. Hudson, Esq.	....	One	
Charles Goding, Esq.	....	One	
Sir William John Alexander, Bart., Q.C.	....	One	
W. B. Waterlow, Esq.	....	One	
Arthur Willis, Esq.	....	One	
William Atkenson, Esq., F.H.S.	....	One	
William Windley, Esq., F.H.S.	....	One	
Charles Allen King, Esq.	....	One	
Mrs. King	....	One	

The following circular in reference to this subject has been addressed to the Fellows of the Society:—

8, St. Martin's Place, London, W.C.
18th November, 1859.

In reference to the proposed Garden at Kensington Gore, the Council have the satisfaction to announce to the Fellows that without once publicly advertising the arrangements contemplated in forming this great establishment, they have received promises of the whole sum required—50,000*l*; partly by Donations (including Her Majesty 1000*l*., and H.R.H. The President 500*l*.) 1936*l*.; partly by various Fellows and their friends undertaking either to become themselves Life Members, or to propose various branches of their family as such, to the number of 300; and the remainder by offers of money on Debentures to the extent of 39,000*l*. The Council therefore, acting on the Resolutions of the last Special General Meeting, have this day given notice to Her Majesty's Commissioners that the Society is prepared to commence its portion of the works.

In making this communication I am to say that, in the opinion of the Council, it would be more to the interest of the Society if a larger sum could be raised by Life Memberships, because it would relieve the Society from having to pay interest on Debentures; and therefore, if Fellows are acquainted with any persons who propose to aid in forming the new Garden, the Council would be obliged by their mentioning their intention before the first ballot for Fellows in 1860, which is fixed for Friday, 20th of January.

I forward two Lists of those who have promised to contribute the before-mentioned 50,000*l*, in case you should wish to give one away.

I am, Your obedient Servant,
Wm. B. Booth, *Assistant Secretary.*

*** Since the date of this letter, the names of various gentlemen who had only provisionally signified their approval of the proposal, have been filled up, and the actual list of promoters stands as follows:—Donations, £1,986; Life Members, £11,000; and Debentures, £45,000.

XVI.—SPECIAL GENERAL MEETING, Dec. 9.

A Special General Meeting of the Society was held on Friday, the 9th of December, in the rooms of the Society of Arts, John Street, Adelphi, C. Wentworth Dilke, Esq., V.P. in the chair. The meeting was held for the purpose of electing a new Member of Council in the room of the late Professor Henfrey, and also for the election of new Members.

John Clutton, Esq., who had been recommended to the Fellows, by the Council, to fill up the vacancy occasioned by the decease of Professor Henfrey, was balloted for, and unanimously elected a Member of Council.

The following candidates were also balloted for and elected Fellows of the Society, namely:

The Duchess Dowager of Norfolk, Hamilton Place, Piccadilly.
The Dowager Countess of Craven, Hamstead Lodge, Newbury.

Lady Isabella Stuart, 13, Belgrave Square.
Miss M. J. Nichols, Hanger Hill, Acton.
Major-Gen. Sir Travell Phillips, Senior United Service Club.
General Shubrick, United Service Club.
Algernon Perkins, Esq., Hanworth Park.
J. P. Bull, Esq., Arlington House, Chiswick.
T. Walcot, Esq., Lower Gore, Kensington.
W. Reed, Esq., Oak Lodge, Kensington.
J. Fisher, Esq., Cadogan Place, Chelsea.
Rev. W. A. Paxton, Faversham, Kent.
A. G. Harpur, Esq., Pembroke Place, Pimlico.
C. Walton, Esq., Manor House, Acton.
Mr. W. H. Rumbold, Grange, Tunbridge Wells.
E. Giovanelli, Esq., Stoke Newington.
J. Hambrough, Esq., Princes Terrace, Hyde Park, South.
A. Elkington, Esq., Woodbrooke, Northfield, Worcestershire.
E. H. Keeling, Esq., Hyde Park Gate.
Mrs. J. Wentworth, 19, Old Quebec Street.
Mr. R. P. Glendinning, Turnham Green.
Mr. C. Ewing, Bodorgan, Anglesea.
Mr. L. Booth, Floetbeck Nursery, Hamburg.
Mr. T. Potts, Green Man, Old Kent Road.

The Chairman announced that the great election of Fellows as Life Members, supporting the New Garden at Kensington Gore, would take place on January 20, 1860; and that the Council had found it necessary to close the list of subscribers for Debentures, the sum offered being already beyond that which would be required.

XVII.—REPORT ON SOME OF THE VARIETIES OF GRAPES, IN THE LARGE CONSERVATORY AT CHISWICK.

The Vines which now occupy the large Conservatory are growing partly in an outside, and partly in an inside border. The largest of them, which are chiefly those in the outside border, were planted in August, 1857, so that they have had but two seasons' growth. Many of those which were planted in the inside at the same time, were replaced by more suitable varieties, during the autumn of 1858, and spring of 1859.

The outside border was prepared in the end of July, 1857. It is 4 feet wide and about 2 feet deep, including drainage, the latter consisting of several inches deep of brick-bats and rubbish, so that the depth of prepared soil is about 18 or 20 inches; it consists of Wimbledon loam, and chopped turf, obtained from the

surface of the van-ground, a little charred earth, and a small quantity of manure. These outside borders have had no water, except the rain which fell on them. The inside ones, being very shallow, required the earthen pipes placed at intervals along them to be filled two or three times a week during the hot weather; and throughout that period, and until the grapes began to colour, the whole of the inside area was watered two or three times a day, the evaporation from which contributed to cool and moisten the air of the house.

It may be proper to mention that the Conservatory at Chiswick is elevated on a terrace about 2 feet above the general level, and the outside borders are of course on this elevated surface. This arrangement, which entirely prevents the pressure and accumulation of superfluous moisture in the soil, is one to be highly recommended in the formation of Vine borders. The curvilinear span-roof and exposed position of the house, both favourable to the free admission of light, have also no doubt had an influence on the ripening of the crop. The treatment, throughout, has been that of an ordinary Vinery. During the months of July, August, and September, the range of temperature was as follows:—

July:	morning,	60° to 73°	in the lower part,	60° to 74°	in the upper part.
,,	noon	83° to 105°	,,	88° to 109°	,,
Aug.:	morning,	52° to 67°	,,	50° to 68°	,,
,,	noon	70° to 99°	,,	70° to 104°	,,
Sept.:	morning,	52° to 63°	,,	50° to 60°	,,
,,	noon	70° to 85°	,,	70° to 92°	,,

During the season of 1858 the Vines had an attack of Mildew. In autumn they were carefully done over with flowers-of-sulphur and loam. Notwithstanding this, the Mildew again made its appearance in the present season, although 2 lbs. of sulphur were early distributed in the air of the house. On the 17th of March 8 lbs. were applied to the shoots and leaves with a sulphurator; 4 lbs. more on the 21st of May; 14 lbs. June 9th; and 7 lbs. June 12th,—making in all 33 lbs. between the 17th March and 12th of June. The result was that the damage done was slight.

The Vines were examined by the Fruit Committee on September 20th (see p. 67): and subsequently by a Sub-committee, for the purpose of completing the report:—

Black Hamburgh.—Bunches moderate-sized, shouldered; berries roundish-oval, sometimes roundish, black with a fine

bloom; skin very thin; flesh tender, melting, and very richly flavoured, both sugary and piquantly vinous. Leaves sharply serrated, the ribs of the under surface covered with cobwebbed tomentum, and having bristly pubescence in their axils. This is the true old *Black Hamburgh*, and though smaller both in the bunch and berry than other varieties, it is decidedly the best in quality. *Warner's Hamburgh*, the *Hampton Court*, and the *Richmond Villa Hamburgh* are synonymous kinds.

Dutch Hamburgh:—from Messrs LEE, of Hammersmith; the same as *Wilmot's Black Hamburgh*, from Mr. WILMOT, of Isleworth. Bunches medium-sized, compact, not much shouldered; berries large roundish-oblate, indented as if hammered on the surface, and often so much so as to appear misshapen, black, covered with a thin bloom; skin thick, adhering closely to the flesh, which is coarse, firm, and hollow around the seeds. Leaves roundish in outline, the serratures of the lobes coarse and bluntish; the veins of the under surface clothed with cobwebbed tomentum, and having tufts of bristly pubescence in their axils. This differs from the *Black Hamburgh* in having larger berries, more decidedly round, and marked like a hammered bullet; the flesh is much firmer, but not so juicy nor so rich and sugary; the leaves are also less pubescent.

Frankenthal:—To this must be referred the *Pope* and *Victoria Hamburghs*, and the *Black Tripoli* of Welbeck. Bunches large, strongly shouldered; berries roundish, frequently oblate, and rarely roundish-oval, somewhat indented or hammered-like, but less so than the *Dutch Hamburgh*, black covered with a thin bloom; skin thick, adhering to the flesh, which is firm and often hollow around the seeds, of which there are generally two, sometimes three. Leaves with bluntish serratures; the main ribs have only a slight covering of cobwebbed tomentum, but are covered through their whole length with bristly pubescence. It is a fine-looking Grape of vigorous growth, but less rich and highly-flavoured than the true *Black Hamburgh*, though superior in these respects to the *Dutch Hamburgh*.

Mill Hill Hamburgh:—from Messrs. LEE. The same as the *Dutch Hamburgh*.

Pope Hamburgh:—from Messrs. LEE. The same as the *Frankenthal*.

Victoria Hamburgh:—from Messrs. LEE. The same as the *Frankenthal*.

Golden Hamburgh:—from Mr. VEITCH, of Chelsea. Bunches

large and well-shouldered; berries large, oval, or sometimes roundish-oval, pale yellow, or when highly ripened, pale amber; skin thin; flesh tender and melting, very juicy, rich, sugary and vinous. Leaves not deeply lobed, their serratures sharp; the upper surface smooth, the lower nearly so. This proves to be a fine-looking free-bearing richly-flavoured grape, in every respect of first-rate quality.

Burchardt's Amber Cluster:—Received as *Burchardt's No.* 10, from M. Burchardt, of Landsberg, on the Warta. This grape, which was sent to the Society without name resembles the *Muscadines* in quality, but has oval berries like the *Clusters*. Berries middle-sized, decidedly oval, amber-coloured, or yellowish-white; skin moderately thin; flesh very sugary and rich. Leaves roundish, dying off green and pale yellow, like those of *Reeves' Muscadine:* in the latter, however, they are very pubescent or woolly; while in *Burchardt's* they are but slightly downy, with tufts of bristly pubescence in the axils of the veins. It is earlier than the *Royal Muscadine*, and this property, combined with its good quality, will render it a first-rate early white Grape. It appears to be well deserving of trial for early forcing purposes.

Œillade Précoce:—from M. Leroy of Angers. Bunch small, longish, loose; berries about the size of those of the *Royal Muscadine*, roundish, or but slightly oval, rose-coloured.

Savignon Blanc:—from M. Dunal, Montpelier. Bunches and berries about the size of those of the *White Frontignan;* berries oval, yellowish-white; skin thick; flesh sweet, but not so rich as that of the *White Muscadine*. Leaves roundish, open at the base, not deeply lobed, pubescent or bristly above and beneath. A Wine Grape.

Ward's Early Muscadine:—from the late G. H. Ward, Esq., Northwood Park, Cowes, Isle of Wight. Bunch long, rather loose; berries round, about the size of those of the *Royal Muscadine*, and of the same colour and flavour. It differs from that sort in the bunches being longer; and the leaves also are very different, being deeply lobed, very downy on the under, and slightly so on the upper surface.

Bidwill's Seedling:—from Mr. Pince of Exeter. Bunches and berries nearly as large as those of the *Black Prince;* berries small, round, bluish-black with a fine bloom; skin rather thin; flesh tender, melting, and very juicy, but somewhat acid, and having a disagreeable earthy flavour. Leaves resembling in form those of the *Black Hamburgh*, but with a lengthened ter-

minal lobe, and differing from that variety, and from the *Black Prince* in being quite smooth above and below.

Burchardt's Prince:—Received as *Burchardt's No.* 7, from M. Burchardt, Landsberg, on the Warta. Bunches long, tapering, about a foot in length, larger than those of the *Black Prince* which in their long, tapering, slightly shouldered form they resemble; pedicels remarkably thick and strong; berries round, scarcely so large as those of the *Black Hamburgh*, compared with which it is later, roundish-oval, black with a thick bloom; flesh firm, juicy, melting, rich and vinous. Leaves open at the base, not deeply-lobed, nearly smooth above and below. A good hanging variety, but requires more heat.

Fleming's Prince: — from Mr. Fleming of Trentham. Bunch large, loose, long, slightly shouldered; berries oval, larger than those of the *Black Prince*, to which they bear considerable resemblance; skin very thin, bluish-black, with a copious bloom; flesh tender, juicy, remarkably rich, and very sugary. An excellent Grape, but requires a little more vinous piquancy and firmness.

Morocco Prince:—A seedling between the *Black Prince* and *Black Morocco*, received from Mr. Buck, of Elford, near Lichfield. Bunches about the size and form of those of the *Black Prince*; berries also similar in size, oval, but with a thinner skin, which is tough and membranous, reddish-black, with a thin bloom; flesh firm, juicy, and melting, rich, sugary, and vinous. Leaves very deeply-lobed, open at the base, rather sharply and deeply serrated, pubescent beneath, slightly so above. A useful late Grape and hangs well, but in this instance has apparently not had sufficient heat.

Panse Jaune:—from M. Van Houtte, of Ghent. A fine large oval or somewhat ovate berry, of a rich pale yellow colour, like a well ripened *Muscat of Alexandria*; flesh rather firm, sweet but not rich. Leaves deeply lobed, and sharply serrated.

Gros Rouge de Provence:—from Dr. Neill. Bunch long, tapering, loose; berries small, slightly oval, black; skin thin; flesh juicy, vinous, with a *Frontignan* flavour. Leaves convex, deeply lobed, slightly pubescent. This variety possesses little merit, having the bad property of setting badly.

Muscat Noir de Jura:—from Messrs. Baumann of Bolwiller. Bunch long and tapering, slightly shouldered, larger than that of the *Black Frontignan* grown under the same circumstances; berries about the size of those of the *Black Prince*, slightly oval,

black; flavour resembling that of the *Violet Frontignan*, being only slightly musky; leaves convex, deeply cut and serrated, nearly smooth. Later than the common *Muscat Noir* or *Black Frontignan*.

Alicante Preta:—from Mr. VEITCH, British Consul at Madeira. Very like the *Large Black Ferral*, and not suitable for conservatory temperature.

Black Barbarossa:—from JOHN RIGDEN NEAME, Esq., Rushett, Faversham, Kent: sent under the name of *Gros Guillaume*. Bunch very large, strongly shouldered, compact; berries large roundish oval; skin black, thin and membranous, covered with a thick bloom; flesh greenish white, melting, juicy and sugary. Leaves large, open at the base, more deeply lobed than those of the *Black Hamburgh*, smooth above and below, without bristles on the ribs; the serratures sharp. A valuable late Grape, hanging well after ripening.

Sideritis:—from J. R. NEAME, Esq. Bunches very large; berries of the largest size, roundish-oval or oval, frequently with a sutural depression, reddish-black, unequally coloured; flesh firm but hollow around the seeds, and with a deficiency of juice and flavour. Leaves large, sharply serrated, smooth above and below; shoots, red. A very strong grower.

Black Monukka:—from the late Mr. JOHNSON, gardener at Hampton-Court. Bunch nearly the size of that of the *Black Prince;* berries rather small, of a peculiar oblong-ovate shape, stoneless; skin black, thick; flesh firm, breaking, sweet, but not rich. Leaves deeply lobed. This Grape does not appear worthy of cultivation.

Blussard Noir tardif:—from Messrs. BAUMANN, of Bolwiller, Upper Rhine. Bunch small and rather loose; berries middle sized, slightly oval; skin black, tolerably thin; flesh juicy, and sweet. Leaves deeper lobed and more sharply serrated than those of the *Hamburgh*, the lobes open at the base and overlapping above; veins on both sides somewhat bristly; young shoots very brittle. A very strong grower; and rather earlier than the *Black Hamburgh*, but a bad bearer, and not so valuable a Grape. The *Blussard Noir* is very similar to, if not identical with, the *Black Hamburgh*.

Prune de Herault:—from J. R. NEAME, Esq. Bunch about the size of that of the *Violet Frontignan;* berries about the same size, somewhat oval, bluish-black with a fine bloom; skin adhering closely to the flesh, which is firm and richly flavoured. Leaves

deeply lobed, unequally serrated, their ribs covered with bristly pubescence, and the whole under surface clothed with thick tomentum.

Rouge de Rolle:—from J. R. NEAME, Esq. A small, black, sweet Wine Grape, too small to be admitted into vinery culture.

XVIII.—REPORT ON THE VARIETIES OF LETTUCE.

The Lettuces may be divided into two classes; those which are upright, oblong or obovate in growth, and those which are spreading round or flat-headed. The former are known as Cos Lettuces, the latter as CABBAGE Lettuces. Of these, the following sorts were grown in the Society's Garden in the Summer of 1859.

Class I.—Cos LETTUCES.

White Paris Cos . . . . . GLENDINNING.
SYN: *Carter's Giant White Cos* . . CARTER & Co.
Superb White Cos . . . SUTTON & SONS.
Improved White Paris Cos . . MINIER & Co.

Very large; leaves light green, obovate, hooded at the top, so that it naturally closes and blanches without tying, becoming white, tender, crisp, and excellent. Seeds white. It attains a larger size than the common *White Cos* sown at the same time, and in consequence will grow for a longer period before it commences running to seed. Plants raised from seeds saved in this country should be watched in order to see that the leaves are rounded and concave at the top; for when they become pointed and not inclined to hood or turn inwards, they must be considered as having degenerated from the true character of this excellent sort. This is generally esteemed the best of all summer Cos Lettuces.

New Imperial White Cos . . MAY (Hammersmith).

This very much resembles the *White Paris Cos* in appearance and quality; but it differs from the latter in having much longer seeds.

Crystal Cos . . . . Josling.

This very much resembles the *White Paris Cos*, except that it runs earlier to seed.

Paris Green Cos . . . . . Vilmorin.
Syn; *Superb Green Cos* . . . . Sutton & Sons.
Improved Paris Green Cos . . Minier & Co.
Paris Cos . . . . . Lee.

This very much resembles the *White Paris Cos*, except that the leaves are of a darker green. It is also somewhat hardier, and therefore better adapted for sowing early in spring and in autumn. Some indeed prefer it to the *White Paris Cos* in summer.

New Golden Cos . . . . Flanagan & Son.

This proved to be not so large as the *Green Paris Cos*, to which in other respects it is similar.

Snow's Compact Cos . . . Lee.
Syn: *Snow's Matchless Cos* . . } E. G. Henderson.
Snow's Champion Cos . . }

Of very upright growth, with narrow, pointed, deep green leaves, forming very little heart for blanching; it was found to be, on the whole, so very inferior to the *Green Paris Cos*, that it was considered not worthy of cultivation.

Acme of Perfection . . . . . . Kernan.

Habit spreading. Leaves large, broadly obovate, rather light green, of flabby texture; requires tying in order to blanch the heart leaves, which are then good, but want crispness. It has, however, the property of not running to seed so soon as most other sorts. Seeds white. It appears to be very similar to the *White-seeded Alphange Cos*, but the differences, if any, can only be determined on further trial, grown side by side.

White-seeded Bath Cos . . Cutbush (Highgate).

This proved to be the same as the well-known *White-seeded Brown Cos*; the hardiest of this class of Lettuces, and well adapted for standing the winter. The outside leaves are brown, but the heart blanches white, with the exception of a slight pink tinge on the bases of the mid-ribs. It is crisp and excellent.

Black-seeded Bath Cos . . { Cutbush (Highgate).
{ Josling.

The same as the preceding, except in the colour of the seeds.

Griffin's Alma . . . . . E. G. Henderson.

This was stated to be an improvement on the *Bath Cos*, to which it bears much resemblance. Seeds white. It appears to be a variety of that well-known kind, with a somewhat stronger habit of growth.

Class II. Cabbage Lettuces.

Neapolitan Cabbage . . { Lee. Veitch. Frazer, Richardson, & Goad.

Dwarf habit. Leaves curled and serrated on the edges; head large, firm, blanching white, very crisp, and of excellent quality. Seeds white. It soon begins to form a heart, and does not run to seed readily. By many persons this is considered the best of the Summer Cabbage Lettuces.

Marseilles Cabbage . . . . . Minier & Co.

Dwarf. Leaves large, curled, and serrated, slightly tinged with brown, forming a loose, irregular head, tolerably crisp, but not by any means so good as the preceding. It is, however, longer in running to seed.

Ne Plus Ultra . . . . . Sutton & Sons.

Rather small, forming a flattish round compact head. Leaves roundish, entire on the margins, slightly tinged with brown, of soft texture. Heart white, soft and tender. Seeds white. A good early Lettuce.

Victoria Cabbage . . . . . { Minier & Co. Lee.

About the size of the *Hardy Hammersmith*, and of very dwarf habit. Leaves light green, soon forming a heart, which is compact, white and tender. A very early sort. Seeds white.

Drumhead . . . . Lee.

Leaves roundish, slightly curled, forming a large flattish head, not so compact as the *Neapolitan*, but white, tender, and very good. Seeds white.

XIX.—REPORTS OF THE FRUIT COMMITTEE.

(*Continued from p.* 69.)

October 11, 1859. (8, *St. Martin's Place*).—The Rev. L. Vernon Harcourt, V.P.H.S., *in the Chair.*

GRAPE.—From Richard Webb, Esq., Culham House, Reading: a **Seedling** from the *Black Hamburgh.* The bunches and berries were large, with much of the Hamburgh character as regards form, colour, and quality. It was grown on an open wall, without any protection; and, it was stated that under these circumstances, it bears most abundantly. On some of the bunches the berries were of good colour, and tolerably well-ripened. It deserves trial in a vinery, comparatively with the *Black Hamburgh* and its varieties.

PEACH.—From the Garden of the Society: **Salway**. This variety was stated to have been quite green, and not nearly full-sized, at the time when the general crop of Peaches was ripe; now even the *Late Admirable* had (October 11th) been gathered for more than a fortnight. The fruit produced was large, handsome, and well-coloured, with flesh of an orange yellow, parting freely from the stone; but in this dry season it was not so juicy and rich as some of the same variety had proved last year. It had been ripened against a south wall.

APPLES.—From Richard Webb, Esq., Reading: **Blenheim Pippin**; very fine and richly coloured. **Alexander**; not so large as have been produced in less dry seasons, but of a brilliant colour.—Mr. Hill exhibited, under the name of *Hall Door* an Apple, which was found incorrect, and resembled the *Hormead Pearmain.* Another, called the *Eve Apple,* did not agree with any of the varieties, of which there are several, known by that name.—From Charles Strickland, Esq., F.H.S.: **Large Cockpit**; this was stated to be esteemed a good Kitchen apple, in the neighbourhood of Malton, Yorkshire. It is rather above middle-size; roundish, obtusely angular; stalk short, deeply inserted; eye close, and rather deeply sunk in an irregular cavity; skin pale green where shaded, faintly tinged with red next the sun, where there are also a few bright crimson streaks; flesh soft, with slight acidity. **Scagglethorpe Queening**; middle-sized, roundish or somewhat oblate; stalk short, in a narrow cavity; skin all over deep red;

flesh white, sweet, but had become rather mealy. This also is considered a good sort for kitchen use in the locality where it is cultivated, near Malton.

PEARS.—From Mr. J. VINALL, gardener to M. G. THOYTES, Esq., F.H.S., Reading: **Beurré Diel**; large and well-grown.—From the Garden of the Society: **Enfant Prodigue**, grown in a pot in the orchard-house; very juicy and melting, with a refreshing slight acidity. **Baronne de Mello**, grown under the same circumstances, was very melting and rich: **Triomphe de Jodoigne**, proved not so good from pots in the orchard-house, as when grown in the open air. **Charles Van Mons**, possessed but little flavour.

POTATO.—From RICHARD WEBB, Esq.: **Imperial Kidney**; tubers long, slender, white, and smooth-skinned, but not altogether free from disease; when cooked they proved rather watery.

CUCUMBER.—From RICHARD WEBB, Esq.: **Empress Eugenie**; very long and straight, but being old, no opinion could be formed of its quality.

November 1, 1859.—MR. EDMONDS, F.H.S., *in the Chair.*

It was announced that the Council had granted the sum of 100*l.*, for the purposes of the Fruit Committee during the year ending October, 1860. Also, that W. W. SAUNDERS, Esq., had placed at the disposal of the Committee the sum of 5*l.* for prizes.

On this occasion, prizes of 20*s.* for the best, and 10*s.* for the second best dishes of certain kinds of PEARS and APPLES had been offered. These prizes were but little responded to, doubtless owing to the great scarcity in these classes of fruit this season, in consequence of the destruction of the blossoms and young fruit by the late spring frosts.

PEARS.

Marie Louise.—The only competitor was Mr. J. SMITH, gardener to S. RICARDO, Esq., Titness Park, Sunning Hill, to whom the *First Prize* was awarded.

Mr. SMITH stated, that at Titness Park, the subsoil is clay and sand The tree is planted against the north side of a wall, but is trained over the wall, so that the fruit exhibited, which gained the prize, was produced against the south aspect. The specimens were very large, being 5½ inches long, and weigh-

ing about 12 oz.; they were sprinkled and in some places entirely covered with russet, and were exceedingly rich and delicious.

Beurré Bosc.—Mr. A. Ingram, gardener to J. J. Blandy, Esq., V.P.H.S., High Grove, Reading, to whom the *First Prize* was awarded, was the only exhibitor in this class.

Mr. Ingram stated that High Grove, is elevated, but sheltered from the north; soil stiff, inclined to clay, 20 inches deep; surface level; subsoil gravel to a considerable depth. The fruit was produced on an open espalier, 4½ feet high, aspect east and west. The tree, which is about 12 years old, remarkably healthy, and of moderate vigour, has never been root-pruned, and generally bears a fair crop; it is trained horizontally, and is pruned in the ordinary way. Mr. Ingram further remarks that there were 14 degrees of frost on the 31st of last March, when the tree was in full bloom; it was protected on that night only, with mats. The early part of the season was hot and dry; but the latter part moist. The fruit was gathered on the 11th of October: not earlier than in former years. The specimens exhibited were 5¼ inches long; weight 9½ oz.; they were of a rich russet colour, and of excellent flavour.

Apples.

Ribston Pippin.—The competitors were:—Mr. Whiting, gardener to H. T. Hope, Esq., The Deepdene, near Dorking; Charles Strickland, Esq., Hildenley, near Malton, Yorkshire; Mr. M. Saul, Stourton, Knaresborough, Yorkshire; Mr. Cox, F.H.S., gardener to W. Wells, Esq., Redleaf; Mr. McDonald, gardener to the Right Hon. Col. Tighe, F.H.S., Woodstock Park, Kilkenny. The *First Prize* was awarded to Mr. Whiting, and the *Second Prize* to C. Strickland, Esq.

Mr. Whiting stated that his locality is in the south district; about 30 miles from the English Channel; climate mild and rather dry; partially sheltered from the north by hills, but exposed to the north-west and north-east through openings in the chain of the North Downs. The soil is a ferruginous greensand to a considerable depth; the surface undulating, the general slope being towards the west and north-west. The tree is a standard on the Apple stock, and probably 50 years old; it receives the ordinary culture of orchard trees. The young wood is much disposed to canker, and the fruit is frequently much spotted. The specimens were brownish-red, more juicy and richer than any others of the same sort exhibited on this occasion.

CHARLES STRICKLAND, Esq., F.H.S., stated that Boynton, where the *Ribston Pippins* which gained the second prize were grown, is three miles west of Bridlington. The soil is a shallow loam upon chalk gravel; the surface is a level, in the bottom of a valley. The tree is old, but in good health, and is trained against a west wall. There are many varieties of Apples which are good in the south of England, but which prove of very indifferent quality in the north. The *Ribston Pippin* is, however, an exception, for the specimens exhibited from Yorkshire, proved that the variety attains in that district a high degree of perfection.

Blenheim Pippin.—The competitors were :—Mr. Cox, F.H.S., Redleaf; and Mr. McDONALD, Woodstock Park. The *First Prize* was awarded to Mr. Cox; the *Second* to Mr. McDONALD.

Mr. Cox has already stated the nature of the locality of Redleaf, Kent (pp. 20, 29). The orchard where the *Blenheim Pippin* Apples were produced, which gained the first prize, is sheltered on the east, south, and north sides, but open to the west. It is on level ground at the foot of a hill, sloping to the south at an angle of about 20°, and is generally very productive. The soil is loam, 18 inches to 2 feet deep, resting on a subsoil of stony gravel. The fruit was produced on a healthy and vigorous tree, 25 years old, on a free stock. The specimens exhibited were remarkably handsome, about half-a-pound weight each, splendidly coloured, and richly flavoured.

Mr. C. McDONALD, stated that the climate of Woodstock Park, Inistiogue, Kilkenny, is humid, about 32½ inches of rain having fallen last year. The soil is from 8 to 18 inches deep; the subsoil clayey slate; the ground slopes to the south-east about 1 foot in 10. The trees that produced the specimens of *Blenheim Pippin* and other sorts exhibited, are very old standards, which, previously to last season, had received no pruning for more than twenty years; and the ground had been regularly cropped with vegetables for upwards of a century. They were severely root-pruned last autumn, and the branches thinned; fresh compost, was then added, consisting chiefly of charred earth and weeds; and the ground was irrigated in summer. Formerly these trees produced very unequal and badly spotted fruit; but this year the fruit was more equal-sized and comparatively free from spots, and this improvement Mr. McDONALD attributes to the fresh compost, and irrigation in the growing season. This season, he remarked, was remarkably dry, and Apples in the locality were under a third of an average crop. The specimens exhibited were very large and

handsome, between 11 and 12 inches in circumference, and weighed 10 ounces. They were larger than those from Mr. Cox, but not so rich.

OPEN CLASS.—The varieties exhibited in the open class of Apples were—from Mr. McDONALD: **Golden Reinette, King of the Pippins, Winter Pearmain,** and **Hoary Morning**; from Mr. WHITING: **Adams's Pearmain**; from Mr. Cox: **Golden Knob.**—The *First Prize* was given to Mr. WHITING, for *Adams's Pearmain;* and the *Second Prize* to Mr. McDONALD, for *King of the Pippins*, which was preferred to the *Golden Reinette*, in the same collection, although the latter is usually found to be much the richer of the two.

Mr. WHITING stated that the tree which produced the fruit of **Adams's Pearmain**, is a low standard, which is not strong in habit; the young wood cankers slightly, but the fruit is always well coloured and good, such as it proved to be on this occasion. —The circumst nces under which the various sorts of Apples exhibited by Mr. McDONALD, had been produced, have already been detailed (p. 116). The specimens of *King of the Pippins* were handsome, finely coloured, and in good perfection as regards quality. The *Golden Reinette*, its comparative rival on this occasion, did not possess that rich sugary quality which it generally acquires.—The examples of *Golden Knob* from Mr. Cox were not sufficiently ripened.

OTHER APPLES.—C. STRICKLAND, Esq., sent, besides those from Boynton which gained the prize, a specimen of the **Ribston Pippin** grown at Hildenley, 9 miles west of Malton. He described the soil of the garden, which is sheltered and facing the south, as a clayey loam on a stony and clayey subsoil. The tree, which is seven or eight years old, is against a west wall, and is upon the Crab stock; it is trained horizontally, and the shoots not wanted for the extension of the branches are stopped in summer. The fruit was middle-sized, well formed; but had become over-ripe.—Also from Mr. STRICKLAND: **White Loaf**; a large roundish fruit about 12 inches in circumference, in appearance somewhat resembling the *Hawthornden;* stalk short, in a wide rather deep cavity; eye large, open, in a moderately deep, obtusely angular-sided cavity; skin smooth, pale pellow, with a faint brownish-red tinge next the sun; flesh yellowish-white, tender, granular, juicy. Mr. STRICKLAND considers it "one of the very best kitchen Apples in November; very melting and juicy, with a fine slightly acid flavour, the flesh nearly white when baked. If it has a fault, it is

that in cooking it *falls* rather too much." The fruit was produced on a Standard growing at Hildenley, in strong clayey loam, on a subsoil of stony yellow clay. The tree is middle-aged, in good health, and has never been pruned. This sort is much grown in the neighbourhood of Malton, and is a regular and moderately abundant bearer. **Oaken Peg**: the fruit sent by Mr. STRICKLAND and stated to go by the name of the *Lemon Pippin*, was not that sort, but was recognised as the *Oaken Peg*, a long-keeping, small, oblong, brownish Apple, with very firm flesh. **No. 3,** unnamed, from the same gentleman, was not known. Both these latter sorts were grown near York.—From Mr. WHITING: **Sweeny Nonpareil** good specimens, more highly coloured than usual. **Cox's Pomona. Alexander. Irish or Mank's Codlin**; and two unnamed sorts: one a handsome table apple, resembling the *Blenheim*, finely coloured, and of good quality; the other a kitchen apple, above middle-size, angular, broadest at the base, yellowish, streaked with red, and striped with darker red.

GRAPE.—J. ALLNUTT, Esq., F.H.S., sent a bunch of thick-skinned Grapes, the name of which was not known.

December 6, 1859. (8, *St. Martin's Place*).—MR. EDMONDS, F.H.S., *in the Chair.*

At this Meeting, Prizes were offered of 20*s*. for the best, and 10*s*. for the second best dish of each of the following kinds of Fruits.

PEARS.

Knight's Monarch.—The competitors were:—Mr. HILL, gardener to RALPH SNEYD, Esq., F.H.S., Keele Hall, Newcastle, Staffordshire; and Mr. ROBERTSON, gardener to Sir ARCHIBALD DUNBAR, Bart., Duffus House, near Elgin. The specimens from Mr. HILL were over-ripe, while those from Mr. ROBERTSON were not sufficiently ripe, and consequently, neither being fit for use, no prize could be awarded.

Mr. HILL stated that his fruit was from a standard, 16 years old, on the pear stock. The situation, in North Staffordshire, is high, but sheltered on all sides; climate humid, and not favourable for standard pears. The soil is a strong loam, 2 feet deep; the subsoil a loose red sandstone. The tree receives very little pruning, except the removal of cross branches. It was lifted and severely root-pruned two years ago; and this season it bore a heavy crop when almost all other standard and pyramid pears

failed. Mr. HILL remarks, that the fruit is much improved in flavour since the tree was root-pruned.

Mr. ROBERTSON stated that Duffus House is near Elgin, in Morayshire, on the north-east coast of Scotland, lat. 57°. 42′. The garden is a few feet above the level of the sea, from which it is distant, southwards about 1¼ mile; it is sheltered from the sea, and from the north-east winds by a sandstone ridge 120 feet high, and otherwise by plantations. The soil is rich loam, inclined to clay, and from 3½ to 4 feet deep, resting on a bed of white sand; the surface is a plane inclining to the south. The tree is on the pear stock; it is young and healthy, and has borne for two seasons; it is trained against an espalier, facing the south, 5 feet high. The pruning consists in shortening the shoots with the finger and thumb from June to August, and with the knife in January. Mr. ROBERTSON remarks, that the season has been dry and rather early. The specimens grown under the circumstances above detailed, were of average size, but being not yet ripe their quality could not be ascertained. Some specimens of the same sort, from a standard, were much smaller, and appeared likely to keep till February.

Passe Colmar.—The exhibitors were:—Mr. ALLPORT, gardener to H. AKROYD, Esq., F.H.S, Doddington Park, near Nantwich; Mr. HILL, Keele Hall, Staffordshire; Mr. JUDD, Althorp Gardens, Northampton; Mr. EDWARD SPIVEY, gardener to JOHN A. HOUBLON. Esq., F.H.S., Hallingbury Place, near Bishop Stortford, Essex.—The *First Prize* was awarded to Mr. HILL; the *Second Prize* to Mr. SPIVEY.

The specimens exhibited by Mr. HILL, were from a healthy tree on the pear stock, against a south wall 12 feet high. This tree is trained horizontally, and spur-pruned in the usual way and is a good bearer. The fruit is generally well flavoured, becoming fit for use early in December. The specimens were of average size for this variety, although not so large as some others placed in competition with them; but in point of flavour they excelled, the flesh being exceedingly rich, melting and sugary. Mr. SPIVEY described the climate of Hallingbury Place, in the north-east of Essex, as being generally very damp, but this year very dry. The garden is situated on elevated ground in a Park, quite surrounded by fine trees; the ground is a rich garden soil; the subsoil a loamy clay, which, however, becomes finely pulverised when turned up in winter. Mr. SPIVEY has drained the garden 5 feet deep, and trenched it to the depth of 3½ feet:

Its surface inclines to the south-west, and it is sheltered from the north-east by a building which on that side stands high above the garden. The tree is 18 years old, and is described as being very healthy, vigorous, and a great bearer. It is on the quince stock, and trained against a south-west wall of the height of 10 feet. This tree was root-pruned in November, 1857—a process which Mr. SPIVEY says he carries out with all the fruit trees under his charge, doing a portion of them every year. This season he remarks, has been very dry, and water scarce; his fruit trees have had none supplied artificially, but they were well mulched with rotten manure. The specimens were the largest of the sort exhibited; they were well grown and beautifully coloured, with a golden tinge next the sun; but in point of flavour they only took the second place.

Mr. ALLPORT stated that the soil of his garden is sandy, about 20 inches deep; the subsoil red sand, and the surface slightly inclined to the west. The branches of the tree which produced the fruit exhibited, are trained on a south-west wall, but its roots are in a border at the opposite or north-east side. The tree is about 22 years old, and is worked on the pear stock. In pruning it is closely spurred, and the shoots are pinched back with the thumb and finger in summer; it has also been moderately root-pruned. The blossoms are protected with canvas. The specimens were of fair size, but not so rich and sugary as those produced in a more southern climate, and on a direct south aspect.

Mr. JUDD stated that Althorp Gardens are sheltered on the north side; the ground slopes to the south. The fruit exhibited was produced against a south wall, 12 feet high. The tree is healthy, and from 25 to 30 years old; it is pruned in August by shortening the shoots to three inches, and further shortening in winter. The summer having been hot and dry, the fruit ripened three weeks earlier than usual.

Beurré d'Aremberg.—The competitors were:—Mr. J. MOORE, gardener to Miss GARNIER, Wickham, near Fareham; Mr. WALTER REID, gardener to JAMES HUNT, Esq., Sydenham Hill, Kent; Mr. COX, F.H.S., Redleaf; Mr. ALLPORT, Doddington Park, near Nantwich.—The *First Prize* was awarded to Mr. REID; and the *Second Prize* to Mr. ALLPORT.

Mr. REID stated that the situation where his pears were produced is airy; about 400 feet above the level of the sea sheltered, however, on the north and west sides by buildings, but exposed to the south and east. The soil is a strong loam, about

20 inches deep; subsoil, retentive clay from 12 to 15 feet deep. The garden is drained to the depth of from 2 to 3 feet. The surface forms a slope to the south and south-west. The tree is on the quince stock, and trained against an espalier; it is 13 years old, very healthy, and free from canker; was surface planted 11 years ago, and the soil where it is growing is annually top-dressed with rotten dung. The branches are trained horizontally 10 inches apart, and closely spur-pruned. The blossoms are protected in spring with fir-boughs, &c. During the last seven years the tree has never failed of a crop; that of last year was very heavy; in the present season the crop was a fair average one. The specimens exhibited, and which gained the first prize, were large and almost uniformly covered with fine, smooth, cinnamon-coloured russet; the flesh was very juicy, melting, and rich. Finer specimens of this sort were perhaps never exhibited.

It appears from the schedule returned by Mr. Allport, that the specimens of *Beurré d'Aremberg* exhibited by him were produced under precisely the same circumstances as those he has already detailed with reference to the *Passe Colmar*. From the circumstance of the fruit being very fine and obtaining the second prize, notwithstanding the northern locality, it may be concluded that the *Beurré d'Aremberg* can be successfully cultivated in that part of the country.

Mr. Cox refers to p. 29 for details of the circumstances under which the fruit exhibited by him were produced. His *Beurré d'Aremberg* pears were gathered from a graft on the lower part of the tree on which those of the *Beurré Rance* were produced, which gained the first prize on March 1st, 1859. The fruit exhibited on the present occasion was not, however, so fine nor so sugary as those grown by Mr. Reid against an espalier. In fact, the *Beurré d'Aremberg* generally proves better flavoured from a standard or an espalier than from a wall; from which latter situation it frequently has too much acidity.

Mr. Moore stated that the fruit sent by him was from grafts inserted about 20 years ago on the upper part of an old *Gansel's Bergamot*, grown against a west wall; the situation rather low and wet; the soil deep and cool. The fruit partook of the acidity above alluded to.

Open Class.—The competitors, and the sorts they brought forward, were as follow:—Mr. Hill, Keele Hall: **Beurré Diel, and Winter Nelis**; Mr. Robertson, Duffus House: **Winter Nelis, Easter Beurré, and Beurré Rance**; Mr. Cox, F.H.S.,

Redleaf: **Winter Nelis**; Mr. PARSONS, Danesbury Gardens, Welwyn: **Winter Nelis**; Mr. SPIVEY, Hallingbury Place, Essex: **Glou Morceau**; Mr. J. HALL, gardener to THOMAS LUCAS, Esq., Lower Grove House, Roehampton: **Glou Morceau**; JOSIAH MOORMAN, Esq., Bexhill, Sussex: **Marie Louise**.—The *First Prize* was awarded to Mr. J. HALL for *Glou Morceau*; an *Extra First Prize* to Mr. Cox for *Winter Nelis*; and the *Second Prize* to Mr. HILL for *Beurré Diel*.

The circumstances under which Mr. HALL's **Glou Morceau** pears were produced at Roehampton were thus stated:—The garden is on the south bank of the Thames, and exposed at all points; the soil is light and sandy, 1½ to 2 feet in depth, on a gravelly subsoil; the surface inclined slightly to the north. The tree is twelve years old, and healthy, grafted on the pear stock, and trained against a west aspect wall, 12 feet high. The shoots are closely pinched in summer, so as to leave but little to do in the way of pruning in winter. The border was top-dressed with vegetable refuse in May, and well watered during the growing season. The specimens exhibited were large, melting, buttery, and rich.

The specimens of **Winter Nelis** from Mr. Cox, for which an extra first prize was awarded, were well-grown, very smooth-fleshed, buttery, and rich. The circumstances under which these and other fruits exhibited by him were produced, have been already detailed (pp. 20, 29).

The particulars of the situation, &c., of the garden at Keele Hall, have been given in the case of *Knight's Monarch*, sent by Mr. HILL; and, so far, they are equally applicable to the **Beurré Diel**, which gained the second prize. The specimens of the latter were from a south wall, 12 feet high. The tree is very healthy, and about twenty years old, worked on the pear stock; it is trained horizontally, and spur-pruned in the usual way. It is an excellent bearer, and the fruit becomes fit for use in the middle of November; but the crop this year was rather thin, owing to spring frosts. The fruit was large, very handsome, and rich-flavoured; one of the fruit weighed 16 ounces.

The **Winter Nelis**, from Mr. HILL, was also very good, and nearly equal to the same sort from Mr. Cox, to which a first prize was awarded.

The specimens of **Winter Nelis** from Mr. ROBERTSON were not ripe, but well-grown. The **Easter Beurré** and **Beurré Rance** from the same far-north locality were large; the latter of these

was finely russeted, having been grown against a south wall, 9 feet high. The other two were from a west wall. The trees of these three sorts are twenty-four years old; they are worked on the pear stock, and are partially root-pruned every second or third year. Partly to good cultivation, and partly to the natural shelter of a sandstone ridge, 120 feet high, and the artificial protection afforded by plantations, may be attributed the great success with which pears are cultivated at Duffus House. The two late sorts were, however, unripe.

Mr. PARSONS, who exhibited **Winter Nelis** in this class, stated that the ground where Danesbury Gardens are situated is hilly, and slopes to the south-east; the top soil of the garden is light, with a subsoil of loam and gravel to the depth of 2 feet, resting on chalk. The specimens exhibited were from a vigorous tree forty years old, trained against a wall 12 feet high. The young wood is trained downwards, and thinned when it gets too thick. The specimens produced under these circumstances were not so rich as those of the same sort from Mr. COX and Mr. HILL, from trees on a south aspect, trained horizontally, and spur-pruned.

The **Glou Morceau** pears, from Mr. SPIVEY, were grown under precisely the same circumstances as those already detailed with reference to his *Passe Colmar*. The specimens exhibited were large and handsome; but the flavour was not so rich as that of the same kind from Mr. HALL.

JOSIAH MOORMAN, Esq., exhibited very large finely-grown specimens of **Marie Louise** from his garden at Bexhill, on the coast of Sussex, about half a mile from the sea, towards which it gradually slopes in a south-west direction. It is much exposed to south and south-west winds. The annual fall of rain has been much below the average. The soil where the tree grows is light loam, 3 feet deep; the subsoil clay, naturally rather dry. The tree is against a wall, about 20 feet high, with a south-west aspect. It is about twenty years old and vigorous, on the pear stock. The branches are trained horizontally, and pruned in the usual way. Late spring frosts destroyed nearly all the crop. The season in that locality was very hot and dry. Mr. MOORMAN has for many years produced exceedingly fine specimens of the best kinds of pears; and probably no one has ever succeeded so well as he has done, in keeping them in excellent condition long after their usual period of ripening. In some previous seasons he has exhibited *Marie Louise* in good perfection even after Christmas.

On the present occasion the fruit, as regards flavour, had passed its best; probably owing to the unusually hot dry season.

Uvedale's St. Germain.—Some very large specimens of this baking or stewing pear were exhibited. Sir George Hodson, Bart., Hollybrooke, Bray, Wicklow, sent three which weighed respectively 3 lb. 1 oz.; 2 lb. 6 oz.; 2 lb. 4 oz.; and when newly gathered they were heavier. Another specimen from the garden of Sir Archibald Dunbar, Bart., Duffus House, near Elgin, weighed 2 lb. 8 oz., and when first gathered 2 lb. 11 oz. For these exhibitions prizes of 10s. each were awarded to Mr. James Garnier, gardener to Sir George Hodson; and to Mr. Thomas Robertson, gardener to Sir Archibald Dunbar.

The fruit sent by Sir George Hodson, were grown at Hollybrooke, on the east coast of Ireland, twelve miles south of Dublin, and two miles from the sea, above the level of which it is elevated about 150 feet. The surface of the ground slopes gently towards the east. The soil is a strong adhesive loam about 12 or 15 inches deep, resting on a subsoil of sandy clay. The tree is on the quince stock, and has been grafted about twelve years. It was planted in 1850 against a wall with a south-west aspect, and is about 8 feet high, perfectly healthy, and abundantly furnished with blossom buds. Although a strong grower, it is almost free from breast-wood and requires very little pruning. Being worked on the quince, it very soon overgrew the stock, and formed a large knob where it was grafted, 8 inches above the ground-surface. To assist the stock in supplying the wants of the tree, advantage was taken of very hot weather in June, to score the bark upwards from a little under the ground surface till the cut entered the knob, going quite through to the wood; it was left so for about ten days. With the hot weather the cut soon opened, and when cicatrised, but *before* woody matter had formed, the tree was well watered, and a mixture of light mountain loam and leaf mould was placed over the roots quite covering up the stock, and extending about a yard all round. The result was that a mass of fibres issued from every cut. The produce of the tree in weight of fruit in the present season was 41¾ lb. It may be observed, that the protuberance at the point of union, caused by the unequal expansion or growth of the pear and quince, offers an obstruction to the returning sap, analogous to that occasioned by ringing, or employing ligatures; and the size of the fruit, whilst the tree continues vigorous, is consequently increased. The means employed in the case in question to produce

an additional quantity of roots, must have had the effect of affording the tree a much greater supply of nourishment than if the formation of these roots had not been induced.

The *Uvedale's St. Germain*, from Mr. ROBERTSON, was produced against a west wall, by a tree on the pear stock.

APPLES.

Cockle Pippin.—The exhibitors were:—RICHARD WEBB, Esq., Culham House, Reading; Mr. JUDD, Althorp Gardens; Mr. PARSONS, Danesbury. The fruits from all these exhibitors were fair specimens as regards appearance; but the quality was so inferior to that which the variety is known to possess, when obtained in perfection, that the Committee could not feel justified in awarding a prize to any of them.

Mr. JUDD's were produced in an orchard of stiff clay land, in grass; subsoil blue clay, 8 or 10 feet deep; the surface generally sloping to the north. The tree is about thirty years old; and the branches are thinned every year, so as to leave the middle of the tree tolerably open. Mr. JUDD remarks, that owing to the hot dry summer the fruit ripened about a fortnight earlier than usual.—Mr. PARSONS' fruit was from an open standard, in an old orchard on the top of a hill, surrounded on all sides with plantations. The tree is fifty years old. Soil, loam resting on chalk.

Margil.—Mr. SPIVEY was the only exhibitor in this class. The specimens proved over ripe, and no prize was awarded.

OPEN CLASS.—The competitors were:—Mr. ROBERTSON, gardener to Sir ARCHIBALD DUNBAR: **Blenheim Pippin, Bedfordshire Foundling, Inglis, Alfriston, Rock, Norfolk Greening**; RICHARD WEBB, Esq.: **Scarlet Pearmain, Beachamwell, Golden Harvey, Franklin's Golden Pippin,** the latter shown as *Old Golden Pippin;* Mr. WHITING, the Deepdene, near Dorking: **Blenheim Pippin, Beauty of Kent**; Mr. OCTAVIUS BARTON, Oxton, Notts: **Bridgewater Pippin, Wyken Pippin**; Mr. J. HAWES, gardener to J. W. RHODES, Esq., Hennerton, near Henley-on-Thames: **Blenheim Pippin, Franklin's Golden Pippin, Ribston Pippin,** and two kitchen apples unnamed; Mr. PARSONS, Danesbury: **Wyken Pippin**; Mr. SPIVEY, Hallingbury Place: **Old Golden Pippin**; J. B. RYDER, Esq., Acton Green Lodge: **King of the Pippins, Beauty of Kent, Downton Pippin, London Pippin, Cat's-head Codlin, Scarlet Pearmain, Golden Russet, Blenheim Pippin, Hollandbury, Dumelow's Seedling,** and **Foxley**; Mr.

W. DIVERS, gardener to W. MOORE, Esq., Staplehurst, Kent: **Ribston Pippin, King of the Pippins.**—The *First Prize* was awarded to Mr. SPIVEY, for *Old Golden Pippin;* the *Second Prize* to Mr. J. HAWES, for *Ribston Pippin.*

The name of *Golden Pippin* is applied to several varieties of Apples; and some persons have been led to suppose that the original sort is either lost, or is in a state of irrecoverable decay from old age. The specimens, however, which were exhibited by Mr. SPIVEY, and for which the first prize was awarded, proved to be the true **Old Golden Pippin,** perfect in form and colour, and possessing the characteristic rich yellow flesh which many persons so well remember from their youth. Mr. SPIVEY stated the circumstances under which his fruit was produced, as follows: The soil is a rich garden earth, on a subsoil of loamy clay, well drained and trenched. The tree is on the Paradise stock, and trained against an open espalier; ten years old, vigorous, free from moss and canker. Close pruning is adopted, the spurs being kept very short; and it bears freely. It was root-pruned in November 1856. Although the summer was hot and dry, no water was supplied, but the tree was mulched with rotten manure.

Mr. HAWES stated, with reference to his **Ribston Pippins** which gained the second prize, that Hennerton is in Berkshire, one and a half miles from the town of Henley-on-Thames. The soil is a clayey loam from 2 to 3 feet deep, on a chalk subsoil. The orchard is on the side of a hill, 60 feet above the level of the Thames, towards which it slopes, and is sheltered on the north side by a plantation of firs; the trees being planted in rows, the direction of which is north and south. The tree is a standard, twenty years old, and about 20 feet high, very healthy and full of fruit-buds, although the crop this season was an abundant one, more so than usual. The culture consists in merely thinning the branches in the centre of the tree, and dusting with quick-lime when there are heavy dews in order to destroy moss. The specimens exhibited were very fine, juicy and rich. The application of quick-lime for the destruction of moss deserves especial notice.

The **Blenheim Pippins** from Mr. ROBERTSON, Duffus House, near Elgin, were large, handsome, and well-coloured, and measured from 11 to 12 inches in circumference; they were produced on a wall, 9 feet high, with a south-east aspect. The **Bedfordshire Foundling** and **Alfriston** were also large and well-grown. The **Norfolk Greening** appeared to be the *Northern*

Greening ; the **Inglis** is a large conical, obtusely angular kitchen apple ; the **Rock Apple** resembles the *Keswick Codlin*. These five sorts were from standards. Altogether the specimens, coming from so high a latitude, were very remarkable, and showed good cultivation. There are many situations in the north of England and in Scotland, far to the south of Elgin, where no such specimens could be produced by any ordinary means of cultivation, without an artificial climate ; and doubtless the favourable results above recorded are mainly owing to the peculiar situation of the garden at Duffus House as regards shelter. The walls of the garden are not high ; but they are backed, (as stated at p. 119), by a sandstone ridge 120 feet in height, and otherwise sheltered by plantations. This exhibition was interesting, and reference to it may be usefully made with regard to the choosing of a situation for a fruit garden ; for in so doing it is evident that advantage should be taken, if possible, of the natural shelter afforded by rising ground, the higher the better, on the north side at least ; and where natural shelter is deficient, plantations of lofty trees may be reared.

OTHER APPLES.—J. P. HENDERSON, Esq., Summerford, Falkirk, sent a **Seedling.** The tree was stated to be eight or ten years old, and never to have borne fruit till 1858. The soil is a heavy clay, producing good wheat, but unfavourable to garden productions. In the previous season the Apples were much finer in appearance, sweeter, and better flavoured than in the present year. This Mr. Henderson ascribes to the severe frost, which destroyed almost all the blossoms in Scotland ; to the long summer's drought which succeeded that frost ; and to the want of sun after the rainfall. In a garden where the walls are well covered with fruit trees, it is stated that none withstood the frost so well as the Seedling in question, the tree of which is remarkably vigorous. The fruit was very handsome, resembling the *Blenheim Pippin*, but on comparison was found to be not so rich ; yet, as it appeared a little overripe, it was recommended for further trial.

GRAPE.—Mr. J. DOWNES, gardener to Miss WALKER, Stourbridge, exhibited a **Seedling**, stated to have been a cross between the *White Syrian* and *White Muscat*. One bunch weighed 2 lbs. 4 ozs., another 3 lbs. 4 ozs. The vine was stated to be a good bearer and a free setter. The fruit was very like that of the *Syrian;* and was considered by the Committee to be no improvement on that variety.

SHADDOCKS, &c.—JOHN LUSCOMBE, Esq., F.H.S., exhibited a basket containing two varieties of Shaddock, Citrons, Limes, Lemons, Oranges, Seville Oranges, and Bergamot Lemons, all very splendid, and grown in the open air in South Devon. The circumstances under which they were produced are described by Mr. Luscombe as follows:—The locality of Combe Royal, South Devon, is one mile from an estuary at Kingsbridge, four miles from the open sea. The garden is situated in a valley, sheltered from the west, north, and east, but sloping to the south-east. The soil is moderately light, on slate. The fruit was produced in the open ground, on south and east walls, without the aid of artificial heat or glass, protected only by reed or bunting frames in winter. The trees are of various ages, nearly all most vigorous. One Seville Orange tree is known to be more than two centuries old, and is luxuriant. The Citron exhibited was more than a foot in length from the stem to the eye, and 19 inches in circumference; one Shaddock was 19 inches in length and 17 inches in circumference; and the circumference of one Golden Shaddock was 13 inches, and of Bergamot Lemons, three in a bunch, respectively 12, 11, and 11½ inches.

NUTS.—Messrs. J. & C. LEE, Nurserymen, Hammersmith, exhibited a few specimens of **Monstrous Cob**, a large variety resembling the *Downton Large Square Nut*—RICHARD WEBB, Esq., also exhibited a nut, which was unnamed, and proved to be of inferior flavour.

POTATO.—Specimens of **Imperial Kidney** were again exhibited by R. WEBB, Esq.; these on being cooked proved much better than those of the same sort exhibited on a former occasion. (see p. 114.) They were about 4½ inches long, tapering, a little curved and flattened; skin white; eyes very flat.

CHINESE YAM. — Messrs. IVERY & SON, Nurseryman, Dorking, exhibited some fine specimens of **Dioscorea Batatas**, accompanied by the following account of the mode of cultivation employed:—"The three largest were obtained from whole roots planted the last week in March, and weighing about 1½ lbs. each; the other three roots were obtained from cut sets, from 1½ to 2 inches in length, planted at the same time. The ground was trenched to the depth of 3 feet, and had a good coat of hotbed manure. The sets were planted in two rows, 1 foot apart in the row, and 2½ feet between the rows. When they had grown about 6 inches, they were staked with the largest pea-sticks that could be got; the strongest plants soon reached the top of these,

and after this they began to flower freely. The bloom, although diminutive, is very fragrant, and the foliage is ornamental. The largest of the roots when taken up weighed 7 lbs. 2 ozs., 6 lbs. 13 ozs., and 6 lbs. 4 ozs. (now, altogether, 19 lbs. 1 oz.); while those from the cut sets weighed 4 lbs., 3 lbs. 3 ozs., and 3 lbs. (now, altogether, 9 lbs. 2 ozs.) We have also grown them on our light sandy land very successfully, without any sticks, both in this and in last season." One of the roots was 2 feet 9 inches long, and 10 inches in circumference.

LEEKS.—Mr. TURNER, of Slough, sent two good specimens of the **Large Rouen,** from seed received from the Horticultural Society; also of the **Giant,** or **Aiton Castle,** the largest of which weighed 2 lbs. 2 ozs.

XX. REPORTS OF THE FLORAL COMMITTEE.

Continued from p. 83.

November 10*th.—The* Rev. JOSHUA DIX *in the Chair.*

The following plants were submitted for the opinion of the Committee:—

Cattleya Dominiana:—from Messrs. VEITCH & SON, Exeter and Chelsea. This was a very beautiful plant, with large flowers resembling *C. labiata*, of a pale purplish rose-colour or blush, the lip yellowish towards the base, and delicately veined all over with bright rich purple. It is one of the two-leaved group. This remarkable production, had been raised by Mr. DOMINY, the clever foreman at Messrs. VEITCH'S, Exeter Nursery, between *C. labiata* and *C. amethystina*, the latter a garden name for one of the forms of *C. Loddigesii*, so that it is a cross between the single-leaved and the two-leaved group. Dr. Lindley remarks that the appendage of the column behind the anther, is that of *C. Mossiæ*, not of *C. labiata*, and that in general aspect the flowers resemble *C. intermedia*, another form of *C. Loddigesii*, but the petals are thin, membranous, and wavy, as in *C. labiata*. It obtained a FIRST-CLASS CERTIFICATE OF MERIT.

Nephelaphyllum pulchrum:—from Messrs. VEITCH & SON. This is a dwarf creeping-stemmed Orchid, with moderate-sized ovate leaves, purple behind, pale dull greyish with a coppery tinge, and transversely blotched with dull olive-green on the upper

surface. Though somewhat dull-looking, it was COMMENDED on account of its distinctness from other plants of the variegated class, and its apparently free habit of growth. A native of Java.

Besides the foregoing, those enumerated below were also brought under notice by Messrs. VEITCH & SON:—

Aralia Sieboldii, a fine ornamental species, having a strongly-marked and imposing character. It grows with a simple erect stem, on which are borne the broad dark green glossy leaves, on long deflexed footstalks; these leaves are deeply palmate-lobed into about nine elliptic-lanceolate acuminate coarsely serrated lobes. The inflorescence forms a large branched terminal panicle; and the flowers are small, pale greenish, produced in umbels resembling those of the Ivy, to which the genus is closely related. This being the first time the plant had been exhibited in bloom, the special thanks of the Committee were given to Mr. VEITCH for its production.

Cordyline from New Zealand:—This was a young plant, of one of the beautiful crimson-ribbed *Cordylines*, or *Dracænas*, found in New Zealand. One of these having broad leaves is considered by botanists to be the true *C. indivisa*, while the *C. indivisa* of gardens is said to be properly *C. australis*. The genus, of which there are now several species in cultivation, seems much in need of a thorough revision. The plant shown had long narrowish leaves, an inch and a quarter wide, the midrib crimson, and the stouter veins tinged with reddish-orange; but it was not thought sufficiently developed to justify an opinion as to its ornamental qualities.

Selaginella Griffithii:—This plant had been received from Borneo, through Mr. Lobb. It was of dwarf and elegant habit, and dissimilar from others in cultivation, but was not thought sufficiently different in general aspect to be an acquisition in small collections. It is one of the low-growing, pinnately-branched kinds; the stems 8 to 10 inches high, spreading and somewhat drooping, the branches producing a pyramidate outline; the leaves are somewhat distant, ovately-subfalcate, and conspicuously larger on the main stem than on the branches.

Drynaria quercifolia:—This is a fine and scarce Fern, remarkable for the dissimilarity between its dwarf sessile oak-like sterile fronds, and the taller more developed form which bears the fructification; it was shown in a very characteristic state.

Messrs. E. G. HENDERSON & SON, St. John's Wood, contributed the following new plants:—

Pelargonium Novelty:—Moderately vigorous in habit; leaves roundish, scarcely lobed, slightly horse-shoe-marked; flowers circular, medium-sized, the petals salmon-colour passing into white in their upper half. The colours were somewhat indistinct, but being novel in their arrangement, it was considered promising as a new variety, which might become the parent of a distinct type of colouring. It was thought, however, that it should be again produced in the more natural season for the blooming of this class of plants, before its merit was determined.

Pelargonium Advance:—Of vigorous habit; leaves lobed, and horse-shoe-marked; flowers large, with very broad petals forming a circle of remarkably even outline; the colour a bright salmon-rose or cerise scarlet, with the two colours apparent. It was thought that while it was evidently a variety of fine form, and everyway highly promising, no correct estimate of its merit could be formed from late unseasonable blooms, such as the plant now furnished.

Sonerila margaritacea alba:—The variety so called, of this beautiful dwarf stove plant; it has the white blotches on the leaves larger and more distinct than in the other forms, all of which are of ornamental character.

Spigelia ænea:—A dwarf stove plant, furnished with broadish ovate acute leaves, of which the veins are bright green, and the rest of the surface of a rich deep brown, giving a bronzy cast to the foliage; the flowers are small white, trumpet-shaped with a long narrow tube, and are arranged in upright secund spikes, which are freely produced on the dwarf neat-habited plants.

December 8th.—The Rev. JOSHUA DIX, *in the chair.*

Some very interesting plants were exhibited on this occasion, namely:—

Calanthe Veitchii (*Lindley*):—from Messrs. VEITCH & SON, Exeter and Chelsea. This beautiful hybrid production, proved to be the most remarkable and ornamental of the cross-bred plants which have been obtained in this family. It was raised by Mr. DOMINY, the foreman at Messrs. VEITCH's Exeter Nursery, from the beautiful rose-coloured Indian *Limatodis rosea*, fertilised with the crimson-spotted *Calanthe vestita*. The result of this cross was the production of a plant combining the habit of the *Calanthe*, with the rich rose-colour of the *Limatodis*. In the mass exhibited, consisting of several seedling plants, there were to be observed several variations in the intensity of colouring, and also a diversity

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in the colouring of the eye. The plants had tapering furrowed reticulately-marked pseudo-bulbs, long plaited leaves, and flower-stems a foot and a half high, gracefully nodding, and bearing numerous flowers of a lively rose-colour, varying in intensity in different plants, the base of the lip either white or a deeper rose. The flowers were about the size of those of the *Calanthe*; the sepals and petals oblong-lanceolate acute, the latter deeper in colour; the lip nearly square with rounded angles, notched at sides and apex, the margin wavy, the base somewhat narrowed and claw-like; the ovary, spur, and exterior of the sepals downy. This remarkable production was awarded a FIRST-CLASS CERTIFICATE, not less in acknowledgment of its great intrinsic beauty, than on account of the interest attaching to its origin. Dr. Lindley has made* the subjoined comparison between the plant, and its parents:

The hybrid although completely intermediate between the two parents, yet shows a rather greater tendency to its mother than its father. Of the father it has exactly the manner of growth, and the peculiar four-lobed lip; but it has the rich colour of its mother, and some other peculiarities of her lip, along with an entire correspondence in form with her column. The following comparison of the three will explain this still more clearly.—

A. CALANTHE VESTITA—*male parent.*	B. LIMATODIS ROSEA—*female parent.*	CALANTHE VEITCHII—*hybrid*, between A—B.
Pseudo-bulbs, fleshy, conical, bluntly angular.	*Pseudo-bulbs*, narrow, stem-like.	*Pseudo-bulbs* as in A.
Spur, curved.	*Spur*, straight.	*Spur*, as in B, but longer.
Flowers, white, with deep purple spot at base of the lip.	*Flowers*, clear, uniform, rose-colour.	*Flowers*, as in B.
Sepals and Petals, secund.	*Sepals and Petals*, spreading equally.	*Sepals and Petals*, as in B.
Lip, adhering to the column, flat at base, with 4 deep blunt lobes.	*Lip*, free from the column, rolled up at the base, undivided.	*Lip*, as in A, but rolled up at the base, as in B.
Column, deep, large, compressed, quite smooth.	*Column*, small, terete, downy at the back.	*Column*, as in B.
Pollen-masses, 8, deep yellow, adhering to two smooth separate straps.	*Pollen-masses*, 8, pale yellow, adhering to two rough connate straps.	*Pollen-masses*, as in B.

Selaginella Wallichii:—from Messrs. VEITCH & SON. A remarkably handsome new Lycopod, with tallish erect stems, fur-

* Gardeners' Chronicle, 1859, p. 1016.

nished with numerous alternate branches, which are quite flat, bipinnate, and plumy or fern-like, 6 inches or more in length, narrow lanceolate, the pinnæ approximate, an inch or more in length, about an eighth of an inch wide and crowded with small even pinnules or leaves which are oblong acute, one-nerved, entire. The fructification forms little tail-like quadrangular spikes projecting from the ends of the pinnæ. It is a native of India and the East, and was introduced from Penang, through Mr. LOBB. For this introduction, which is one of the most distinct and beautiful in the whole family, a FIRST CLASS CERTIFICATE was awarded.

Selaginella conferta (*Moore*):—from Messrs. VEITCH & SON. This species, a native of Borneo, was distinct from the foregoing, and of very ornamental character, though less strikingly dissimilar from some kinds already in cultivation. It was considered to merit a FIRST CLASS CERTIFICATE. The stems of this plant grow about a foot high, and are alternately branched, the branches close, overlapping, ovate acuminate in outline, tripinnate, the short crowded branchlets terminating in numerous quadrangular spikes of fructification; the leaves are ovate or oblong-ovate, somewhat falcate, one-nerved, entire.

Lælia albida, *var.* **labello-purpurea**:—from ROBERT WARNER, Esq., Broomfield, near Chelmsford. This plant was COMMENDED as a pretty and graceful small-growing new Orchid. It was furnished with oblong, tapering, pseudo-bulbs, upwards of 2 inches long and about an inch in diameter, which bore a couple of linear-lanceolate, acute, hard, thickish, somewhat keeled leaves, eight inches long, and three-fourths of an inch wide, and also, a slender terminal flower-spike 2 feet in length, supporting near its extremity several cinnamon-scented flowers, upwards of 2 inches in expansion. The sepals were lanceolate; the petals broader, ovate-obtuse, wavy, both transparent white, tinged at the edge with light mauve purple; the lip was furnished with three raised yellow crests which extend from the base half-way down the centre, three-lobed, the lateral lobes transversely veined with purple, erect and meeting the column, the middle lobe flat, roundish retuse, of a deep mauve purple.

Tydæa, Countess of Ilchester:—from Messrs. E. G. HENDERSON & SON, St. John's Wood. This was COMMENDED as a meritorious winter-flowering variety in a group which has now become numerous. The plant was of dwarf habit and free flowering; the leaves elliptic, acuminate, hairy, asperous on the upper

surface; the flowers large, 2 inches across the limb, which is well formed and of a rich purplish-crimson lake marked with dots of deep crimson maroon, which are arranged in radiating lines towards the throat; the tube is scarlet and clothed thickly with short hairs.

There were also exhibited the following:—

Grammatophyllum speciosum:—from Mr. Carson, gardener to W. F. G. Farmer, Esq., Nonsuch Park, Cheam, Surrey. This exhibition consisted of a cut flower-spike of noble proportions, and bearing 69 flowers, of which the greater part were expanded and perfect. These flowers measured nearly 6 inches across, and were of a pale yellowish green, spotted with brown, the slender ovary forming a foot-stalk 4 to 5 inches long; they were distant on the lower part of the stem, but crowded on the upper half. Mr. Carson furnished the accompanying memoranda of the growth of the flowering stems:

Sept. 6,	flower spike	15 inches in height.	
8,	,,	20	,,
10,	,,	22	,,
12,	,,	26	,,
15,	,,	32	,,
18,	,,	38	,,
22,	,,	41	,,
26,	,,	44 inches high; first flower opened.	
Oct. 15,	flower spike	6 feet high.	
25,	there were	65	expanded flowers on the plant.
Nov. 7,	,,	87	,,
26,	,,	120	,,

Total number of flowers produced on the two stems, 128.
Total height of two flowering stems, 7 ft. and 7 ft. 3½ in. respectively.

It will be seen that from the time when the first bloom opened to the date of the meeting, ten weeks and three days had elapsed, and the greater number of the flowers were still fresh and perfect. The special thanks of the Committee were offered for this exceedingly meritorious, and interesting exhibition.

Solanum capsicastrum:—from Mr. G. M'Intosh, Hammersmith. This was a well-grown example of a very useful winter decorative plant, introduced two or three years since, and now widely distributed. It is a hardy greenhouse bush, of neat and graceful habit, and under proper treatment, becomes loaded with small round berries, which, during the winter months acquire a bright orange-colour and cherry-like appearance, and are exceedingly ornamental.

R. Warner, Esq., also sent for the inspection of the Committee a drawing of the plant known in gardens as **Lælia**

Warnerii. This was represented to have bluntish oblong leaves, and large handsome flowers 6 inches in expansion, the sepals and petals lanceolate wavy, of a delicate pale rose, the lip broad, rich deep crimson, almost trumpet-shaped and marked with yellow stains on the throat.

January 12, 1860.—*The* REV. JOSHUA DIX *in the Chair.*

The only subjects exhibited on this occasion were:—

Eupatorium adenophorum: from Mr. TAYLOR, gardener to Sir W. MIDDLETON, Bart., Shrubland Park, near Ipswich. This plant is not new, having been formerly cultivated under the name of *Eupatorium glandulosum*, but it has recently been re-introduced from Mexico, and it was sent to show that it is a useful plant for winter-flowering in conservatories. Under skilful treatment it may be formed into a dense bushy mass, its branches well furnished with stalked, oval, acute, serrated, deep-green, smoothish clean-looking foliage, and each terminating in a corymbosely branched panicle of small scentless flower-heads, each containing about a dozen tubular white florets, with conspicuous exserted thread-like styles. Though individually insignificant, the profusion in which these flowers are borne, and the contrast between the pure white of the inflorescence and the dark green of the foliage, renders this a suitable subject for decoration, and for bouquets. Mr. TAYLOR states, that when liberally grown in good soil, such as is used for Pelargoniums, he finds it to be a most useful winter plant. The specimen which was exhibited, was stated to have been forced a little in an intermediate house; while others, standing in a Geranium house, were ready to expand with a slight increase of temperature.

Eupatorium pascuarense: from Mr. TAYLOR. Cut specimens of this, which is known in gardens as *Ageratum album*, accompanied the former. It is more compact and erect in habit than *E. adenophorum*, and bears small triangular-ovate acuminate pubescent leaves, and small corymbose tufts of flower-heads terminating the branchlets: these heads consist of numerous white tubular florets, which have an agreeable scent, somewhat resembling that of the Heliotrope.

XXI.—SPECIAL GENERAL MEETING, JAN. 20.

A Special General Meeting of the Society was held on Friday, January 20th, at the house of the Society of Arts, John Street, Adelphi, the Rev. L. VERNON HARCOURT in the chair. This meeting was held for the purpose of electing the various candidates who had intimated their intention of promoting the formation of the New Garden at Kensington Gore, by becoming Fellows of the Society. The following candidates were balloted for and duly elected, namely :—

C. G. Addison, Esq., 29, Alfred Place West, Thurloe Square, S.W.
William Francis Ainsworth, Esq., F.S.A., Ravenscourt Villa, New Road, Hammersmith, W.
Sir Wm. John Alexander, Bart., 22, St. James's Place, S.W.
Major-General John Alves, Army and Navy Club, S.W.
J. S. Ancona, Esq., 8, John Street, Adelphi, W.C.
Viscount Anson, Shugborough, Lichfield.
Robert J. Ashton, Esq., 2, Pelham Crescent, Brompton, S.W.
Henry Austin, Esq., Little Ealing, Middlesex, W.
Edward Holmes Baldock, Esq., 31, Grosvenor Place, S.W.
Mrs. Mary Banting, Campden Hill Road, Kensington, W.
Miss Eliza Banting, Orme Square, Bayswater, W.
Miss Emily Banting, Orme Square, Bayswater, W.
Mrs. Harriet Richards, 4, Torrington Street, Russell Square, W.C.
Mrs. Mary Anne Westbrook, Heston, near Hounslow, W.
Mrs. C. E Gilbertson, Craven Villa, St. Alban's Road, New Kensington, W.
Miss Edith Gilbertson, Craven Villa, St. Alban's Road, New Kensington, W.
Mrs. Sophia L. Marshall, 8, King's Road, Bedford Row, W.C.
Hon. Mrs. Frederick Baring, 9, Grosvenor Crescent, S.W.
The Hon. Miss Baring, 23, Princes Gate, Hyde Park South, S.W.
Mrs. Geo. Barnet, 2, Leinster Gardens, Hyde Park North, W.
Herbert Lewis Bartlett, Esq.
Lord Bateman, Shobden Court, Shobden, Herefordshire.
Thomas Bazley, Esq., M.P., Hayesleigh, Manchester.
Henry Bazley, Esq., The Mount, Higher Broughton, Manchester.
Charles Bazley, Esq., The Mount, Higher Broughton, Manchester.
Thomas Sebastian Bazley, Esq., Agden Hall, Lymm, Cheshire.
James Fairclough Bazley, Esq., Manchester.
John Augustus Beaumont, Esq., 32, Prince's Gate, S.W.
Joseph Bebb, Esq., 12, Argyll Street, W.
W. H. Belli, Esq., 1, Queen's Terrace, Kensington, W.
Lady Belper, 88, Eaton Square, S.W.
Miss Anne Strutt, Derwent Bank, Derby.
Robert Benson, Esq., 16, Craven Hill Gardens, W.
R. C. L. Bevan, Esq., 31, Prince's Gate, S.W.
Mrs. R. Bevan, 31, Prince's Gate, S.W.
Edward Bilke, Esq., 12, Stamford Street, Blackfriars, S.
John Bilke, Esq., 12, Stamford Street, Blackfriars, S.

Stephen Bird, Esq., Hornton Villa, Campden Hill, W.
Joseph Blackstone, Esq., Park House, Gloucester Gate, Regent's Park, N.W.
Henry Wollaston Blake, Esq., 8, Devonshire Place, W.
Henry Blanshard, Esq., 76, Lombard Street, E.C.
Mrs. H. Blanshard, 76, Lombard Street, E.C.
Mrs. Beriah Botfield, 8, Grosvenor Square, W.
Viscountess Boyle, Castle Martyr, Cork.
J. Bramley-Moore, Esq., Aigburth, Liverpool.
John W. Brett, Esq., 2, Hanover Square, W.
Thomas Broadwood, Esq., Holmbush, Crawley, Sussex.
Mrs. Broadwood, Holmbush, Crawley, Sussex.
Wm. Brodie, Esq., 43, Onslow Square, S.W.
Edgar A. Bowring, Esq., Westbourne Terrace, W.
Duchess of Buccleuch, 37, Belgrave Square, W.
J. W. Burmester, Esq., 17, Princes Terrace, Hyde Park, S.
D. Higford D. Burr, Esq., Aldermaston Court, Reading.
Mrs. D. H. Burr, Aldermaston Court, Reading.
Higford Burr, Esq., Aldermaston Court, Reading.
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Decimus Burton, Esq., 6, Spring Gardens, S.W.
William S. Burton, Esq., Mornington Lodge, North End, S.W.
Hon. Charles Lenox Butler, 8, Grosvenor Place, S.W.
Colin G. Campbell, Esq., Stonefield, Tarbet, Argyllshire.
The Very Rev. Dean of Canterbury, The Deanery, Canterbury.
Mrs. Lawson Cape, 28, Curzon Street, May Fair, W.
Mrs. Challoner, Portnall Park, Virginia Water, Staines.
Marquis of Chandos, Euston Station, N.W.
Lady Chantrey, Claridge's Hotel, Brook Street, W.
Mrs. Thomas Chapman, 23, New Street, Spring Gardens, S.W.
Charles Chatfield, Esq., Broad Green House, Croydon.
C. Claridge, Esq., 22, St. Peter's Square, Hammersmith, W.
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Mrs. Clement, 30, Victoria Road, Kensington, W.
Miss Clement, 30, Victoria Road, Kensington, W.
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Mrs. John Clutton, 3, Sussex Square, Hyde Park, W.
Miss Elizabeth Martha Clutton, 3, Sussex Square, Hyde Park, W
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James Henry Davies, Esq., 5, Hinde Street, Manchester Square, W.
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Miss Charlotte Davy, 18, Sussex Square, Hyde Park, W.

Charles Leigh Davy, Esq., 18, Sussex Square, Hyde Park, W.
Miss Louisa Jane Davy, 18, Sussex Square, Hyde Park, W.
Miss Anne Blanche Davy, 18, Sussex Square, Hyde Park, W.
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Mrs. De la Motte, 15, Craven Hill Gardens, W.
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Earl of Derby, K.G., Knowsley, Preston, Lancashire.
Lady Emma Stanley, Knowsley, Preston, Lancashire.
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Lord Eliot, Dover Street, Piccadilly, W.
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Mrs. G. A. Gibbs.
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Miss Margaret Goding, 12, St. George's Place, S.W.
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Walter Hawkins, Esq., 5, Leonard's Place, Kensington, W.
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Mrs. G. Henderson, 24, Hyde Park Square, W.
William Henderson, Esq., 7. Chester Place, Hyde Park Square, W.
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George Herring, Esq., Maitland House, Vicarage Place, Kensington, W.
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Miss C. E. Herring, Maitland House, Vicarage Place, Kensington, W.
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Charles Hill, Esq., F.S.A., 25, Hyde Park Square, W.
William Hine, Esq., 1, Notting Hill Terrace, W.
James Eland Hobson, Esq., Haverfield, Kent.
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Archibald William Johnston, Esq.
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Miss Emily Keeling, 7, Hyde Park Gate, W.
Lady Keating, 13, Great Queen Street, Westminster.
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Marchioness of Kildare, 6, Carlton House Terrace, S.W.
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Mrs. Kelk, Stanmore, Middlesex, N.W.
John William Kelk, Esq., Stanmore, Middlesex, N.W.
George Edward Kelk, Esq., Stanmore, Middlesex, N.W.
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Mrs. King, 98, Piccadilly, W.
Sir John Kirkland, 13, Portman Square, W.

Mrs. Seton Laing, 9, Hyde Park Gate, W.
Lady Lamb, Beauport, Battle, Sussex.
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John G. Leach, Esq., Mark Brown's Wharf, Tooley Street, Southwark, S.E.
Sir George Philip Lee, 28, Bryanstone Square, W.
Rt. Hon. Sir G. Cornewall Lewis, Bt., M.P., Kent House, Knightsbridge, S.W.
Sir Charles Locock, Bart., 26, Hertford Street, May Fair, W.
Mrs. Lodwick, 63, Westbourne Terrace, W.
William Longman, Esq., 39, Paternoster Row, E.C.
Robert Lowther, Esq., 57, Queen's Gardens, Hyde Park, W.
R. W. S. Lutwidge, Esq., 19, Whitehall Place, S.W.
Lady Louisa Lygon, 12, Upper Brook Street, W.
Major Wm. Lyon, 22, Park Lane, W.
Mrs. James Maberly, 19, Upper Harley Street, W.
Duke of Manchester, 1, Great Stanhope Street, May Fair, W.
Duchess of Manchester, 1, Great Stanhope Street, May Fair, W.
Thomas Hacket Massey, Esq., 7, Gloucester Crescent North, Hyde Park, W.
Major-General Matheson, 8, St. James's Street, S.W.
George May, Esq., 36, Gloucester Gardens, Westbourne Terrace, S.W.
Thomas Meynell, Esq., The Fryerage, near Yarm, Yorkshire.
Lieut.-Colonel Meyrick, 43, Grosvernor Street, W.
Lieut.-Colonel Minchin, L 5, Albany, Piccadilly, W.
Rev. M. Mitchell, Educational Department, Council Office, Downing Street, S.W
Miss Elizabeth C. Moore, 11, Campden Grove, Kensington, W.
Mrs. Morley, 35, Brompton Square, S.W.
Mrs. Francis B. Morley, 35, Michael's Place, Brompton, S.W.
C. Morrison, Esq., 57, Upper Harley Street, W.
John Murray, Esq., 50A, Albemarle Street, W.
J. M. Neale, Esq., 18, Westbourne Place, Eaton Square, S.W.
Lady Caroline Neeld, 26, Upper Brook Street, W.
Benjamin Norden, Esq., 30, York Place, Portman Square, W.
A. H. Novelli, Esq., 43, Russell Square, W.C.
Lady Overstone, 2, Carlton Gardens, S.W.
Colonel W. Kirkman Loyd.
Miss Eliza Loyd.
Lieut.-Colonel Loyd Lindsay.
Hon. Mrs. Loyd Lindsay.
Edward Howley Palmer, Esq., Cannon Hill, Maidenhead.
Colonel A. Park, 41, Porchester Square, W.
Richard W. Peacock, Esq., 3, South Square, Gray's Inn, W.C.
Lady Peto, Somerleyton Hall, Lowestoft.
William Agnew Pope, Esq., 52, Charles Street, Berkeley Square, W.
Thomas Pope, Esq., Harewoods, Bletchingly, Surrey.
Lord Wm. Powlett, 19, Curzon Street, May Fair, W.
Thomas Henry Allen Poynder, Esq., Hartham Park, Corsham, Wilts.
Mrs. Poynder, Hartham Park, Corsham, Wilts.
Henry Ransford, Esq., Huron Lodge, Brompton, S.W.
Major-General Rawdon, 34, Prince's Gate, S.W.
John Reeves, Esq., Woodhayes, Wimbledon, S.W.
Thomas James Reeves, Esq., Woodhayes, Wimbledon, S.W.
Miss Alice Susannah Reeves, Woodhayes, Wimbledon, S.W.
Miss Sarah Maria Reeves, Woodhayes, Wimbledon, S.W.
Miss Elizabeth Reeves, Woodhayes, Wimbledon, S.W.

Rawson Reid, Esq., 25, Park Lane, W.
Mrs. Remnant, 17, Kensington Park Gardens, W.
George Rennie, Esq., 21, Whitehall Place, S.W.
George B. Rennie, Esq., 21, Whitehall Place, S.W.
John Rigge, Esq., 8, St. Mary Abbot's Terrace, Kensington, W.
Miss Sophia Anne Robertson, 22, Lowndes Square, S.W.
James Frodsham Robinson, Esq., Frodsham, Cheshire.
John Rogers, Esq., 40, Jermyn Street, S.W.
W. G. Romaine, Esq., C.B., 21, New Street, Spring Gardens, S.W.
John Francis Rotton, Esq., 3, Bolton's, West Brompton, S.W.
William Salt, Esq., 23, Park Square, Regent's Park, N.W.
Miss Mary Salt, 9, Russell Square, W.C.
Viscount Sandon, M.P., 39, Grosvenor Square.
Frederick Sang, Esq., 42, Charing Cross, and Leigh House, Hampstead. N.W.
Thomas Bush Saunders, Esq., 31, Thurloe Square, S.W.
James Scott, Esq., 5, Hereford Street, W.
Wm. Ambrose Shaw, Esq., Wycombe Lodge, Campden Hill, W.
H. L. Sharp, Esq., 15, Great Cumberland Street, S.W.
George Schenk, Esq., 17, Boltons, West Brompton, S.W.
Mrs. George Schenk, 17, Boltons, West Brompton, S.W.
James Silver, Esq., 27, Addison Road, Kensington, W.
J. Da Silva, Esq., Burntwood, Wandsworth Common, S.W.
W. H. Skynner, Esq., 7, Cavendish Place, W.
Robert A. Slaney, Esq., M.P., 5, Bolton Row, W.
Miss A. Lætitia Snook, Bedhampton, Havant, Hants,
Lady John Somerset, 5, Kensington Gore, Queen's Gate, W.
Ernald Mosley Smith, Esq., 73, Eaton Square, S.W.
Dr. Protheroe Smith, 25, Park Street, Grosvenor Square, W.
Mrs. Kincaid Smith, Montpellier Road, Brighton.
Miss F. S. Solly, Serge Hill, St. Alban's.
Earl Stanhope, Chevening, Sevenoaks, Kent.
Viscount Sydney, Frognal, Footscray, Kent.
John Taber, Esq., Herne Hill, Dulwich, S.
Thomas Taylor, Esq., 16, Brompton Crescent, S.W.
William Terry, jun., Esq., Peterborough House, Fulham, S.W.
Lord Taunton, 27, Belgrave Square, S.W.
Lady Taunton, 27, Belgrave Square, S.W.
Hon. Miss Labouchere, 27, Belgrave Square, S.W.
Hon. Miss Mina Labouchere, 27, Belgrave Square, S.W.
Hon. Miss Emily Labouchere, 27, Belgrave Square, S.W.
Viscount Templeton, F 2, Albany, Piccadilly, W.
Thomas Thistlethwayte, Esq., Southwick Park, Farnham, Hants.
Frederick Thompson, Esq., 76, Gloucester Terrace, Hyde Park, W.
William Throckmorton, Esq., Buckland, Farringdon.
Lady Lousia Thynne, Muntham Court, Worthing.
Dr. Godwin Timms, 22, Holles Street, Cavendish Square, W.
Mrs. Timms, 22, Holles Street, Cavendish Square, W.
Richard James Todd, Esq., 53, Gloucester Road, Regent's Park, N.W.
William Tottie, Esq. (Swedish and Norwegian Consul-General), 11, Cleveland Square, Hyde Park, W.
Mrs. George S. Trower, 23, Hyde Park Square, W.
Henry B. Turnbull, Esq., 9, Wilton Street, Belgrave Square, S.W.
Thomas Usborne, Esq., 30, Onslow Square, W.
Mr. Harry James Veitch, Royal Exotic Nursery, Chelsea, S.W.
Lady Harriet Vernon, 16, Upper Grosvenor Street, W.
John Wade, Esq., Foxcroft Villa, Gilston Road West, Brompton, S.W.

Mrs. Walcot, 4, Lower Kensington Gore, W.
Captain Edward Walter, 37A, Upper Grosvenor Street, W.
Captain Henry Ward, K 1, Albany, Piccadilly, W.
Ottiwell Charles Waterfield, Esq., Temple Grove, East Sheen, S.W.
W. B. Waterlow, Esq., 5, Story's Gate, St. James's Park, S.W.
Mrs. W. B. Waterlow, 5, Story's Gate, St. James's Park, S.W.
Henry Wellesley, Esq., Conholt Park, Andover.
William Wells, Esq., Redleaf, Penshurst, Kent.
Marquis of Westminster, Eaton Hall, Chester.
Edward Weston, Esq., Hornsey, N.
George Whiting, Esq., Clifton Villa, Addison Road, W.
William Whitmore, Esq., Beckenham, Kent, S.E.
Mrs. C. S. Whitmore, 57, Rutland Gate, S.W.
Frederick Wigan, Esq., Sutton Court Lodge, Chiswick, W.
Henry Richard Williams, Esq., Board of Trade, Whitehall, S.W.
Fuller Maitland Wilson, Esq., Langham Hall, Bury St Edmund's.
Arthur Willis, Esq., Holbrook, Chislehurst, Kent, S.E.
John William Windley, Esq., Mapperley Plains, Nottingham.
Thomas Wilson Windley, Esq., Mapperley Plains, Nottingham.
John Wright, Esq., Osmaston Manor, Derby.
Francis Beresford Wright, Esq., Osmaston Manor, Derby.
W. Charles Wryght, Esq., Rich Lodge, Earl's Court, Old Brompton, S.W.
Major-General William Wylde, C.B., 63, Onslow Square, S.W.

XXII.—SPECIAL GENERAL MEETING, Jan. 31.

A Special General Meeting of the Society, for the election of new Members, was held on Tuesday, January 31st, at the House of the Society of Arts, John Street, Adelphi, the Rev. L. Vernon Harcourt, V.P., in the Chair.

The Chairman announced that Her Majesty, the Patron of the Society, had been pleased to command that the following members of the Royal Family should be elected for life, namely:—

H.R.H. The Prince of Wales,
H.R.H. The Princess Frederic William of Prussia,
H.R.H. The Princess Alice,
H.R.H. The Prince Alfred,
H.R.H. The Princess Helena,
H.R.H. The Princess Louisa,
H.R.H. The Prince Arthur,
H.R.H. The Prince Leopold,
H.R.H. The Princess Beatrice,

And also, that the Society had been authorised to elect as Life Members the following other members of the Royal Family, namely:—

H.R.H. The Duchess of Kent,
H.R.H. The Duchess of Cambridge,
H.R.H. The Princess Mary of Cambridge.

These Royal personages having been elected by acclamation, the Council was instructed to convey to Her Majesty, the "humble thanks of the Society for the munificent support which the Queen has once more deigned to grant in furtherance of the formation of a new Horticultural Garden at Kensington Gore."

The following candidates for Fellowship were then balloted for, and duly elected, namely :—

The Marquis of Ailesbury, 78, Pall Mall, S.W.
The Marchioness of Ailesbury, 78, Pall Mall, S.W.
Mrs. John Aldridge, 20, Princes Gate, S.W.
James Alexander, Esq., 10, Porchester Terrace, Bayswater, W.
Henry Browne Alexander, Esq., The Laurels, Barnes, Surrey, S.W.
Mrs. Alexander, The Laurels, Barnes, Surrey, S.W.
Lieut.-Colonel Andrews, 13, Onslow Square, S.W.
Edward L. Ames, Esq., 64, Lincoln's Inn Fields, W.C.
Dr. Anstie, 15, Onslow Square, S.W.
Thomas Ashton, Esq., Ford Bank, Manchester.
Colonel Hugh Baillie, 65, Rutland Gate, S.W.
T. P. Ball, Esq., 22, Onslow Square, S.W.
Mrs. Henry Barnett, 15, Halkin Street West, Belgrave Square, S.W.
Mrs. William Barnet, 155, Westbourne Terrace, Hyde Park, W.
John Bell, Esq., 15, Douro Place, Kensington, W.
Abel Birch, Esq., 2, Thurloe Square, S.W.
Mrs. Brough, 9, Pelham Street, Brompton, S.W.
Robert K. Bowley, Esq., 53, Charing Cross, S.W.
Rev. Dr. John Bonus, D.D., LL.D., &c., Ivy House, Turnham Green, W.
Richard Wilson Buckley, Esq., 3, Albert Place, Kensington, W.
Edward Herbert Bunbury, Esq., 15, Jermyn Street, S.W.
Edward Robert Butler, Esq., Cromwell Hall, Finchley, N.
The Rev. Frederick Charles Cass, M.A., Little Grove, East Barnet, Herts, N.
Lord Cochrane, 12, Queen's Gate, W.
Lady Cochrane, 12, Queen's Gate, W.
G. E. Cochrane, Esq., India Office, E.C.
John Cockle, Esq., M.D., 63A, Brook Street, W.
Walter Coulson, Esq., Q.C., 18, Great Queen Street, S.W.
Mrs. Crockford, 14, Queen's Gate, W.
Sir William Cubitt, Clapham Common, S.
Lady Cubitt, Clapham Common, S.
Frederick William Dolman, Esq., 39, Jermyn Street, St. James's, S.W.
Miss Sholta Scott Douglas, 8, William Street, Lowndes Square, S.W.
Mrs. N. Elias, 64, Inverness Terrace, Bayswater, W.
The Earl of Ellesmere, Bridgewater House, S.W.
The Countess of Ellesmere, Bridgewater House, S.W.
Lord Charles Fitzroy, 6, Princes Gardens, S.W.
Admiral R. Fitzroy, 38, Onslow Square, S.W.
Richard Frankum, Esq., 4, Burlington Gardens, W.
Thomas F. Gibson, Esq., 124, Westbourne Terrace, W.
George Godwin, Esq., F.R.S., 24, Alexander Square, S.W.
John Gott, Esq., Armley House, near Leeds.
William Gott, Esq., Wyther, near Leeds.
William Ewart Gott, Esq., Roundhay, near Leeds.
William Whitaker Maitland, Esq., Loughton, Essex. N.E.

Thomas John Kinnear, Esq., Armley House, near Leeds.
Robert Nairne, Esq., M.D., 44, Charles Street, Berkeley Square, W.
The Earl Granville, K.G., Lord President of the Council, 16, Bruton St., W.
The Countess Granville, 16, Bruton Street, W.
G. Granville Leveson Gower, Esq.
G. A. Stewart, Esq.
Sir J. Dalberg Acton, Bart.
Mrs. Gray, 2, Onslow Crescent, Brompton, S.W.
Miss Charlotte Graham, 19, Onslow Square, S.W.
Miss Caroline Hammersley, 25, Park Crescent, Portland Place, W.
Mrs. J. P. Harrison, Ewhurst, Guildford, Surrey.
Mrs. B. Harvey, 64, Montpelier Road, Brighton.
Benjamin Charles Harvey, Esq., 64, Montpelier Road, Brighton.
Captain J. Kincaid Smith, Polmont House, Stirlingshire.
James Nichols, Esq., 10, The Boltons, West Brompton, S.W.
Baron Hochschild, 11, Onslow Square, S.W.
John Hook, Esq., Hartsdown Villa, Kensington Park Road, Notting Hill, W.
John Hornblower, Esq., 32, Norfolk Square, Hyde Park, W.
John Irving, Esq., 64, Eaton Square, S.W.
George William Johnson, Esq., West Highlands, Winchester.
Robert Kell, Esq., 37, York Place, Portman Square, W.
Mrs. Robert Kell, 37, York Place, Portman Square, W.
The Hon. Arthur Kinnaird, M.P., 2, Pall Mall East, S.W.
Miss Louisa Lance, Holmwood, Dorking, Surrey.
Henry Windham, Esq., Holmwood, Dorking, Surrey.
Dr. Richard Moore Lawrence, 22, Connaught Square, W.
William Leaf, Esq., Junr., Clapham Park, S.
Charles J. Leaf, Esq., The Rylands, Norwood, S.
Mrs. Lewis, 7, Sumner Place, S.W.
Right Hon. R. Lowe, M.P., 34, Lowndes Square, S.W.
Mrs. William James Lumsden, 19, Queen's Gate, Hyde Park, W.
Henry MacChlery, Esq., 30, Grosvenor Street, W.
W. H. McQueen, Esq., 4, Brunswick Gardens, Campden Hill, W.
Samuel Eustace Magan, Esq., 21, Suffolk Street, Pall Mall East, S.W.
The Hon. Francis Maude, 75, Onslow Square, S.W.
George Moffatt, Esq., 103, Eaton Square, S.W.
John T. Mould, Esq., 1, Onslow Crescent, S.W.
Sir Roderick I. Murchison, Belgrave Square, S.W.
His Grace the Duke of Newcastle, 20, Portman Square, W.
J. N. Ouvry-North, Esq., East Acton, W.
J. Emmett Norton, Esq., 157, Strand, W.C., and Grantly Villa, Peckham, S.E.
J. G. Nutting, Esq., Sutton Lodge, West Moulsey.
Miss S. Phelps, Torwood, Torquay.
Mrs. B. S. Phillips, 27, Leinster Gardens, Hyde Park, W.
William Potts, Esq., 11, Kensington Park Gardens, W.
Edward Potts, Esq., 11, Kensington Park Gardens, W.
T. W. Ramsey, Esq., 16, Queen's Gate, Hyde Park, W.
Titus Salt, Esq., M.P., Methley Park, Wakefield.
Mrs. Salt, Methley Park, Wakefield.
William Henry Salt, Esq., Summer Hill, Rawden, near Leeds.
Thomas Godfrey Sambrooke, Esq., 32, Eaton Place, S.W.
Mrs. St. Barbe Sladen, 4, Crawley Place, Brompton, S.W.
Edwin Stuart, Esq., Villa Stuart, Nice.
Vice-Chancellor Sir John Stuart, 5, Queen's Gate, Hyde Park, W.
Mrs. William Stuart, 18, Hill Street, Berkely Square, W.

Major William Stuart, M.P., Kempston, Bedford.
Charles Pole Stuart, Esq., Langley Broom House, Slough.
Clarence Esme Stuart, Esq., Avenue House, Castle Hill, Reading.
Mrs. Alfred Taylor, Madeley Villas, Kensington, W.
John Thomson, Esq., 7, Burwood Place, Connaught Terrace, W.
Lady Ulrica Thynne, 39, Princes Gate, S.W.
Sir Thomas Troubridge, Bart., 2, Queen's Gate, Hyde Park, W.
Rev. Joseph Walker, Rector of Aberham, near Newark.
Henry Walker, Esq., Calderstone, near Liverpool.
Lieutenant-General, W. L. Walton, 67, Onslow Square, S.W.
Miss Walton, 67, Onslow Square, S.W.
Miss R. Walton, 67, Onslow Square, S.W.
General W. Watkins, 158, New Bond Street, W.
Professor Westmacott, R.A., 1 Kensington Gate, W.
James H. Wilson, Esq., 19, Onslow Square, S.W.
John H. Winch, Esq., 20, King Street, St. James's, S.W.
William Richard Winch, Esq., The Hamlet, Princes Park, Liverpool.
George Wood, Esq., 2, Queen's Terrace, Gore Road, W.
Mrs. Wood, 2, Queen's Terrace, Gore Road, W.
Miss Wood, 2, Queen's Terrace, Gore Road, W.
Master Wood, 2, Queen's Terrace, Gore Road, W.

XXIII.—REPORT ON THE VARIETIES OF GARDEN BEET,

GROWN AT CHISWICK IN 1859.

The collection of this esculent was examined, at the end of the growing season, by the section of the Fruit and Vegetable Committee, appointed for that and similar purposes. At that period the leaves were uninjured by frost, so that advantage was taken of the comparative distinctions which these parts afforded. Another examination was made of the baked roots. The difference in quality was found to be so great as to justify the recommendation, of frequently submitting the varieties of this vegetable to similar comparative trials, in order that only the best of them may be continued in cultivation, and more especially as even the best kinds are apt to degenerate.

Nutting's Selected Dwarf Red . . . Nutting.

Leaves 9 to 12 inches high, dark blood-red. Roots chiefly underground, 9½ inches in circumference; flesh dark red, sweet, without the disagreeable earthy flavour of which many kinds of beet partake. Baked, the flesh is deep crimson of smooth close texture, remarkably sweet and well flavoured, and without the earthy

flavour above alluded to. An excellent variety; it was decidedly the best of the varieties brought together on this occasion, both in appearance and quality, and was moreover remarkably true.

Short's Pine-Apple . . . . . TURNER.
SYN: *Pine-Apple Dwarf Red* . . . VEITCH.

Leaves 6 or 7 inches high, dark purple; stalks tinged with dull orange. Roots 8 inches in circumference, the surface obtusely furrowed; flesh deep crimson. Baked, the flesh is of a dull deep crimson, tender, mild, sweet and well flavoured, though with a slight earthy taste.

This excellent variety is remarkable for its dwarf compact habit, and for its uniformity and apparent fixity of character. It was raised by Mr. CHARLES SHORT, gardener to Sir WILLIAM BEAUCHAMP PROCTER, Bart., Langley Park, Norwich, and was introduced to the notice of the public by Mr. Turner, of Slough, who in 1854 distributed seeds of it for trial, under the name of *Short's Beet*. It was subsequently sent out by Messrs. Henderson & Co. as the *Pine-Apple Beet*, and has also been known as the *Pine-Apple Compact Topped*, and *Short's Compact Topped*. It is no doubt one of the best kinds at present in cultivation.

Sang's Crimson . . . . . MINIER.
SYN: *Veitch's Dwarf Dark* . . VEITCH (Exeter).
Carter's Small Selected Blood Red CARTER & CO.

Leaves 15 to 18 inches high, greenish purple. Roots a foot long, 10½ inches in circumference. When baked the flesh is of good colour and quality, but not equal to the preceding sorts.

Paul's Superb Crimson . . . . PAUL & SON.
SYN: *Pine-Apple Short-top* . . . CARTER & CO.
Cutbush's Crimson . . . CUTBUSH.

Leaves about a foot long, blood red, much wrinkled. Root 8 inches in circumference, broad at the crown, surface warty; flesh in the raw state, bright crimson; when baked, a fine deep crimson, sweet and well flavoured, being mild and free from earthy flavour. It has the drawback of being liable to become forked, and on account of its broad crown it does not form a handsome root.

Melford Hall . . . . . . BASS & BROWN.

Leaves from 12 to 15 inches high; stalk slender, purplish-

crimson. Roots 9½ inches; crown tapering; flesh bright light purplish crimson, alternating with white zones. When baked, it was found to be similar in quality to *Sang's Crimson.*

Cattel's Dwarf Blood-Red . . . . . LEE.
SYN: *Josling's Scarlet* . . . . . JOSLING.

Leaves erect, 15 inches high, narrow and elongated, purplish, with a tinge of green. Root 10½ inches in circumference. Flesh wanting in crispness in its raw state; when baked, coarse and very inferior.

Low's True Dwarf Red . . . . . VEITCH.

Leaves about a foot high. Root 8½ inches in circumference; and standing as much as 3 inches above ground. When baked it proved very deficient in flavour.

Josling's Improved Scarlet . . . . . JOSLING.

The quality of the variety grown under this name proved to be very inferior.

XXIV.—REPORTS OF THE FRUIT COMMITTEE.

(*Continued from p. 129.*)

January 17, 1860. (8, *St. Martin's Place*).—The REV. L. VERNON HARCOURT, V.P., *in the Chair.*

At this Meeting, Prizes were offered of 20*s*. for the best, and 10*s*. for the second best dish of each of the following kinds of Fruits.

PEARS.

Ne Plus Meuris.—The competitors were JOSIAH MOORMAN, Esq., 1, Portland Place, Clapham Road; Mr. A. INGRAM, gardener to J. J. BLANDY, Esq., V.P.H.S., High Grove, Reading; Mr. EMANUEL SAGE, gardener to the Right Hon. the Earl HOWE, F.H.S., Gopsall Hall, near Atherstone, Leicestershire; VINCENT FENN, Esq.—The *First Prize* was awarded to Mr. A. INGRAM. The other exhibitions were not sufficiently ripe, and therefore no second prize was awarded.

The specimens exhibited by Mr. A. INGRAM were produced on

a healthy tree, about 12 years old, trained as an espalier. The fruit was gathered about the middle of October, and kept in a dry room, heated in cold weather by a small stove. This circumstance had doubtless accelerated the ripening of the fruit, so as to render it fit for use when exhibited.

Mr. MOORMAN's specimens were from his garden in the Clapham Road, about 3 miles south of London, the soil of which consists of good garden mould about 2½ feet deep; the subsoil gravel. The fruit, which was well grown, had been produced on an espalier tree, about 15 years old, trained horizontally, and pruned in the usual way.

Mr. SAGE stated, that Gopsall Hall occupies an elevated situation, and that the air of the locality is dry and pure. The garden slopes due south; the soil is strong; the subsoil a strong blue clay, on the coal formation. The specimens, which were of a good size, were from a tree about 15 years old, on the pear stock, and trained against a south wall.

The pears exhibited by VINCENT FENN, Esq., appeared to have been gathered too early; to have rendered them melting they would have required to have been kept closely packed in well dried straw in a dry warm place.

Josephine de Malines.—Mr. A. PARSONS, gardener at Danesbury, Welwyn, Herts., was the only exhibitor of this rather new sort, and as the fruit proved excellent, the *First Prize* was awarded to him. The specimens were scarcely middle-sized, obovate, thickly covered with cinnamon-coloured russet; flesh melting, very rich, sugary, and delicious. They were produced on a dwarf bush, which is stated to bear very well, but the fruit has been seldom larger than those exhibited: it has been planted about 12 years in old garden soil, the subsoil gravel resting on chalk.

OPEN CLASS.—The competitors in this class were: Mr. HILL, gardener to RALPH SNEYD, Esq., F.H.S.: **Beurré Rance, Glou Morceau**, from a south wall, and from an east wall; Mr. WILLIAM MERRICK, gardener to R. ELLICE, Esq., Brickendonbury, Hertford: **Glou Morceau, Winter Nelis**; Mr. A. INGRAM, gardener to J. J. BLANDY, Esq., V.P.H.S.: **Winter Nelis**; Mr. PETER STODDART, gardener, Wivenhoe Park, Colchester: **Glou Morceau**; JOSIAH MOORMAN, Esq.: **Winter Nelis, Glou Morceau**; Mr. J. SHEPPART, Wolverston Park, near Ipswich: **Beurré d'Aremberg**; Mr. SAMUEL EVANS, Arbury, Nuneaton, Warwickshire: **Easter Beurré**; Mr. SAMUEL RALPHS, gardener to RUSSELL STURGES, Esq., Mount

Felix, Walton-on Thames: **Winter Nelis**; Mr. Emanuel Sage, gardener to the Right Hon. Earl Howe, Gopsall Hall, Atherstone: **Glou Morceau, Winter Nelis, Easter Beurré**; Mr. J. Hall, gardener to T. Lucas, Esq., Lower Grove House, Roehampton: **Easter Beurré.**—The *First Prize* was awarded to Josiah Moorman, Esq., for *Winter Nelis;* the *Second Prize* to Mr. Samuel Ralphs, for *Winter Nelis;* and an *Extra Second Prize* to Mr. J. Hall, for *Easter Beurré.*

Mr. Moorman's specimens of **Winter Nelis** were produced in his garden at Bexhill, and under the same circumstances with regard to climate, soil, &c., as have been previously detailed at p. 123. The tree, worked on the pear stock, is about 10 years old, and healthy. It is trained horizontally against a wall 20 feet high, with a south-west aspect, and is pruned in the usual way. The fruit was well-grown, very rich and excellent. The peculiar circumstance connected with its production was the more than ordinary height of the wall, and the consequent reverberation of a proportionally greater amount of the sun's rays.

The **Winter Nelis,** from Mr. Samuel Ralphs, Walton-on-Thames, which gained the second prize, were from a tree 30 years old, on the pear stock, not vigorous, planted against a south-east wall. The soil is a dark loam 3 feet deep, upon an unknown depth of red sand and gravel. The surface is level. Mr. Ralphs stated that the ends of the shoots were dying 4 years ago; but the tree was well root-pruned in 1857, and burnt clay and manure, in equal proportions were added, and it is now recovering.

Mr. J. Hall, Roehampton, stated the circumstances under which his **Easter Beurré** pears were produced, which gained an extra second prize,,as follows:—The garden is situated on the south bank of the Thames; the ground is exposed and slopes a little to the north; the soil is 18 inches deep, light and sandy, on a gravelly subsoil. The tree, 12 to 14 years old, is strong and healthy, and on the pear stock. It is trained against a west aspect wall, 12 feet high; the shoots are pinched close in summer. The tree was mulched with vegetable refuse, and it was well supplied with water during the time the fruit was swelling. The specimens exhibited were large and handsome, very buttery and rich,—more so than is usually the case with this variety when it is grown to a large size, under which conditions it is frequently deficient in flavour.

The **Beurré Rance** from Mr. Hill, produced against a south wall, were large and handsome; and he stated that this proves

the best late pear in the collection at Keele Hall. The fruit was very juicy, but not so rich as the sorts above mentioned. Probably if not grown so large, fruit would generally be higher flavoured, and flavour should be the principal aim, except in growing for market. The **Glou Morceau** exhibited by Mr. HILL from a south aspect, and also from an east aspect, were well grown, but those from the latter were deficient in flavour, whilst those from the south aspect were over ripe.

The **Glou Morceau** from Mr. W. MERRICK, Brickendonbury, were large and fine in appearance; but they were not so rich as some others that were exhibited. The climate was described as damp. The garden is about 200 feet above the level of the sea, and is sheltered. The soil is strong loam, mixed with burned earth; subsoil, clay, with a little chalk; the surface level. The tree which produced the fruit exhibited is about twenty years old, healthy and vigorous, worked on the pear stock, spur-pruned, and trained horizontally against a south-east wall.

The specimens of **Winter Nelis** from Mr. A. Ingram, High Grove, were well grown and of good quality, although not equal in this respect to those of the same sort exhibited by Mr. MOORMAN and Mr. RALPHS. The situation and nature of the soil of the garden at High Grove have been described at p. 115. The tree is planted on the north side, and trained over the wall to the south side, and from the portion on this aspect the fruits exhibited were gathered. Mr. INGRAM stated, that the tree is old, but in good health, and always bears well. The fruit was gathered on the 19th of October, and kept in a dry room, heated by a small stove, which is found to answer well. It is known that many kinds of Pears, when kept in a temperature of about 60°, become better flavoured than those kept in a cool temperature; and some produced under unfavourable circumstances as regards season or situation, will even become melting under the former conditions, whereas they would not do so if kept in a cold room. Fruit intended to be kept till late in spring should, however, be kept in a cool steady temperature till within about three weeks of its being required for use, and then introduced to a situation heated to the degree above mentioned.

The specimens of **Winter Nelis** exhibited by Mr. E. SAGE, Gopsall Hall, were produced against a south wall, by a tree fifteen years old. They were very good, although not equal to those produced in climates farther to the south. The **Glou Morceau** Pears, from the same garden, were grown against a west wall;

they were large and handsome, but much inferior in point of flavour to the *Winter Nelis* produced against a south aspect.

Mr. Peter Stoddart, Wivenhoe Park, who exhibited **Glou Morceau**, stated that the climate of the locality is changeable. The garden is elevated about 100 feet above the level of the sea, and is exposed; the soil consists of 3 feet of good garden loam, upon a subsoil of stiff clay well drained; surface sloping to the south-east. The tree, old, but healthy and vigorous, is on the Pear stock; it is trained against a south-east wall 12 feet high, and is spur-pruned. The border is supplied with plenty of good manure. Under these circumstances, the fruit produced was of large size and of handsome appearance, but not so rich as smaller specimens of the same variety usually prove. It may therefore be concluded, that as regards flavour, smaller fruit, which would probably be the result of little or no manure being afforded, would be preferable.

The tree of **Easter Beurré**, from which specimens of the fruit were exhibited by Mr. Samuel Evans, of Arbury, was described as growing in strong loam, on a subsoil consisting of clay and marl; and is trained against the east aspect of a wall 8 feet high. The situation is moist; and the fruit in the past hot and dry season is stated to have been finer than usual. The quality was, however, much inferior to that of the same sort grown as above described by Mr. Hall in light sandy soil, on a gravelly bottom, but kept mulched and watered.

The specimens of **Beurré d'Aremberg**, sent by Mr. Sheppart from Wolverstone Park, were remarkably large and finely grown, but they proved over-ripe. The locality is 12 miles from the sea, and level; the soil, light sandy loam, 3 feet deep; subsoil, sandy gravel. The tree, worked on the pear stock, is about 20 years old, and healthy; it is trained horizontally against a wall 12 feet high with an E.S.E. aspect, and is pruned according to the common spur system.

Apples.

Old Nonpareil.—Richard Webb, Esq., of Reading, was the only exhibitor of this variety. The specimens were not considered of sufficient merit to entitle them to a prize.

Golden Harvey.—The only exhibitor of this variety was R. Webb, Esq., to whom a Second Prize was awarded.

Open Class: Dessert Sorts.—The exhibitors were:—Richard Webb, Esq.: **Cockle Pippin**; Mr. Robert Churcher,

gardener to the Hon. T. F. Baring, Stratton Park, Mitcheldever, Hants: **Loan's Pearmain, Cockle Pippin,** and a sort called **American Golden Pippin**; Mr. John Hodge, nurseryman, St. Austell, Cornwall: **Golden Russett**; Mr. John Pottle, gardener to B. D. Colvin, Esq., the Grove, Little Belings, Woodbridge, Suffolk: **White Pippin**; Messrs. Ivery & Son, Dorking: **Mickleham Pearmain**; Mr. Walter Reid, gardener to J. Hunt, Esq., Sydenham Hill, Kent: **Lamb Abbey Pearmain,** shown as *Old Pearmain.*—The *First Prize* was awarded to Richard Webb, Esq., for *Cockle Pippin*; the *Second Prize* to Messrs. Ivery & Son, for *Mickleham Pearmain.*

The tree which produced the **Mickleham Pearmain** is a standard, 50 years old, on the crab stock. It is growing in good, deep, rich loam, on a level, at the foot of the Surrey Hills.—The **Cockle Pippin** and **American Golden Pippin,** from Mr. Churcher, were produced on old standard trees growing in strong loamy clay, 18 inches deep, resting on a chalky subsoil; the surface sloping considerably to the north-west. The tree of *Cockle Pippin* is overgrown with moss, but otherwise tolerably healthy. The fruit produced under these circumstances did not gain the prize.—The fruit exhibited by Mr. Walter Reid under the name of *Old Pearmain,* proved to be the Lamb Abbey Pearmain. Sydenham Hill where it was grown, was stated to be 400 feet above the level of the sea; the soil a retentive loam, 2 feet deep, on the London clay. The tree is old and cankered, and is, moreover, injured from being overhung by the branches of an adjoining oak. This is a sound, long-keeping variety. Mr. Reid stated, that it had kept good with him for 18 months.—The *White Pippin,* from Mr. Pottle, did not prove of good quality.

Open Class: Kitchen Sorts.—There were several competitors in this class; but the decision upon the merits of the several exhibitions was deferred till the following meeting, in order that the fruit might be baked.

GRAPES.—A bunch of the **Black Barbarossa,** and one of **Lady Downe's Seedling,** were exhibited by Mr. Hill as the two best long-keeping sorts of Grapes in the collection at Keele Hall. *Lady Downe's Seedling* was found much better flavoured than the *Black Barbarossa.*

CHINESE YAM.—Messrs. Ivery & Son exhibited a **Chinese Yam,** the main portion of which was of the usual form, tapering from below upwards; but from a point near the top several offset tubers from 6 to 8 inches in length had branched out.

XXV.—SPECIAL GENERAL MEETING, Feb. 28.

A Special General Meeting of the Society was held on Tuesday, February 28th, at the House of the Society of Arts, John Street, Adelphi, for the purpose of electing various Candidates who had been proposed for the Fellowship. The Right Hon. the Earl of Ducie, V.P., took the chair. The following Ladies and Gentlemen were balloted for and duly elected; viz.,—

Mrs. T. P. Ball, 22, Onslow Square, S.W.
Miss Elizabeth Barnard, 117, Gloucester Terrace, Hyde Park, W.
Sir Charles Barry, R.A., Clapham Common, S.
Sir John Bayley, Bart., Stanhope Lodge, Kensington Gore, W.
Lady Bayley, Stanhope Lodge, Kensington Gore, W.
Augustus Bird, Esq., 22, High Street, Kensington, W.
James Booth, Esq., 2, Princes Gardens, S.W.
Mrs. Baliol Brett, 19, Princes Terrace, S.W.
Mrs. S. Cave, 35, Wilton Place, S.W.
Robert Cocks, Esq., Wilby House, Ladbroke Terrace, Notting Hill, W.
Right Hon. W. F. Cowper, M.P., 17, Curzon Street, W.
Mrs. D. M. Davidson, 19, James Street, Buckingham Gate, S.W.
Right Hon. B. Disraeli, M.P., 1, Grosvenor Gate, W.
Lady Eastlake, 7, Fitzroy Square, W.
Morton Edwards, Esq., 5, George Street, Hanover Square, W.
John Fergus, Esq., 1, Queen's Gate Gardens, W.
Thomas Forster, Esq., Streatham, S.
Mrs. Gabrielli, 6, Queen's Terrace, South Kensington, W.
Sebastian Garrard, Esq., Colebrooke Lodge, Putney Heath, S.W.
Antony Gibbs, Esq., 16, Hyde Park Gardens, W.
Mrs. William Gibbs, 16, Hyde Park Gardens, W.
Woronzow Greig, Esq., Surrey Lodge, Lambeth, S.
John Abraham Francis Hawkins, Esq., 14, Gloucester Gardens, Hyde Park, W.
John Hesketh, Esq., Stratheden Villas, New Road, Hammersmith, W.
Lieutenant-Colonel Higgins, Senior United Service Club, S.W.
Mrs. Housely, 9, Onslow Crescent, Brompton, S.W.
The Hon. C. Elizabeth Irby, 7, Princes Terrace, Hyde Park, S.W.
Henry Johnson, Esq., 39, Crutched Friars, E.C.
Thomas E. Johnston, Esq., 19, Charles Street, Berkeley Square, W.
William Jollands, Esq., Buxshalls, Lindfield, Sussex.
George Montague Jull, Esq., 40, Jermyn Street, S.W.
Lord Kingsdown, 3, Spring Gardens Terrace, S.W.
Harvey Lewis, Esq., 24, Grosvenor Street, W.
John Buck Lloyd, Esq., Aigburth, Liverpool.
Sir Charles Lyell, 53, Harley Street, W.
Finlay Mackenzie, Esq., Board of Trade, Whitehall, S.W.
Charles Manby, Esq., 29, Cambridge Square, Hyde Park, W.
The Hon. Lady Middleton, Shrubland Park, Ipswich.
Mrs. Murray, 57, Onslow Square, S.W.
Mrs. Elizabeth Nairne, 44, Charles Street, Berkeley Square, W.
John Cotton Powell, Esq., 7, Princes Terrace, Hyde Park, S.W.

W. G. Prescott, Esq., Clarence, Roehampton, S.W.
William Robertson Sandbach, Esq., The Cottage, Aigburth, Liverpool.
Arthur William Saunders, Esq., 82, Gloucester Terrace, Hyde Park, W.
Marmion W. Savage, Esq., 13, Kensington Gate, W.
William Shepherd, Esq., 100, Eaton Place, Belgrave Square, S.W.
Major-General the Hon. Arthur Upton, G 2, Albany, Piccadilly, W.
Matthew Uzielli, Esq., Hanover Lodge, Regent's Park, N.W.
James Vaughan, Esq., 40, Gloucester Terrace, Hyde Park, W.
John Willson, Esq., Dulwich, S.
George Withers, Esq., 8A, Baker Street, Portman Square, W.

XXVI.—NOTE ON THE VARIETIES OF CELERY

GROWN AT CHISWICK IN 1859.

A collection of 15 samples of Celery was cultivated for comparative trial at the garden in 1859, and various notes and memoranda concerning the peculiarities of the varieties, as well as their quality, were made; but the unusually severe and early autumnal frost injured the plants so much that these memoranda could not be satisfactorily completed. It has accordingly been thought desirable to submit a more complete collection to a fuller examination during the present season.

It may, however, be stated, that so far as the examination was carried, it was found that the variety sent as *Ivery's Ne plus ultra*, by which name it appears that *Ivery's Nonsuch* was intended, and another called *Hood's Dwarf Red*, were the two best of the red kinds, both these being of very excellent quality; and that a dwarf variety, sent under the names of *Superb Dwarf White*, and *Incomparable Dwarf White*, was the best of the white kinds. This latter closely resembles the *Céleri Court Hâtif* of the French.

XXVII. REPORTS OF THE FRUIT COMMITTEE.

(*Continued from p.* 152.)

February 7, 1860. (8, *St. Martin's Place*). Mr. C. Edmonds, F.H.S., *in the Chair.*

The Chairman stated that Mr. R. Hogg, having accepted the appointment of Secretary to the Committee, its operations would

in future be conducted by him, subject to the arrangements made by the Council.

The SECRETARY reported that preparations had been made at Chiswick for the trial of the different varieties of Garden Vegetables, and for extending the collection of fruits, according to a plan adopted by the Council; and suggested that during the present season comparative trials should be made of the different varieties of Peas, Beans, Kidney Beans, Broccolis, Savoys, Borecoles, and Cucumbers, which was agreed to.

A letter was read from C. STRICKLAND, Esq., containing suggestions as to the means of enlisting the services of horticulturists throughout the country in the collection of information, to be made available for a "full descriptive catalogue of all the kinds of fruit cultivated in England." The subject was reserved for further consideration.

At this meeting, prizes of 20*s*. for the best, and 10*s*. for the second best dishes of Pears and Apples were awarded as follows:—

PEARS.

OPEN CLASS.—The competitors were: JOSIAH MOORMAN, Esq., Clapham Road: **Easter Beurré, Old Colmar**; Mr. A. INGRAM, gardener to J. J. BLANDY, Esq., V.P.H.S., Highgrove, near Reading: **Easter Beurré**; Mr. SMITH, gardener to S. RICARDO, Esq., Sunninghill: **Joséphine de Malines**; Mr. SPIVEY, gardener to J. A. HOUBLON, Esq., Hallingbury Place, Essex: **Joséphine de Malines.**—The *First Prize* was awarded to Mr. SMITH, for *Joséphine de Malines;* and the *Second Prize* to JOSIAH MOORMAN, Esq., for *Old Colmar.*

Mr. SMITH's sample of **Joséphine de Malines** was grown on a standard tree. The subsoil was sand and clay. The fruit were rather below the usual size, but in excellent condition, being very melting, juicy, rich, and sugary, but nevertheless not of so rich a flavour as this variety frequently acquires.

The **Old Colmar**, from Mr. MOORMAN, were grown at Bexhill, Sussex, under the conditions stated at p. 123. The tree, grafted on the pear stock, is 8 years old, and vigorous, growing against a south-west wall about 20 feet high; it is trained horizontally, and pruned in the usual way. The season is generally late. The fruit was of good size, and well-grown; the flesh was crisp, and very juicy and sugary, but was not so richly flavoured as this variety frequently becomes.

The **Joséphine de Malines**, from Mr. SPIVEY, were grown in a low and damp situation, the surface having an inclination to the south. The soil is 2 feet deep, of good garden mould, and the subsoil loamy clay, drained 4 feet deep. The tree, grafted on a quince stock, is 10 years old, very clean and healthy, 8 feet high, and trained against a south wall; it was root-pruned in November, 1858, and the branches are pruned on the close-spur system. The last season was very dry. These specimens were large, smooth-skinned, and very handsome; the flesh tender, buttery, and melting, with the fine salmon tinge peculiar to this variety; but the flavour was decidedly inferior to that of Mr. SMITH's specimens.

The **Easter Beurré**, from Mr. MOORMAN, had been grown at Clapham Road, about 3 miles on the south side of London, subject to the usual London climate. The soil is of good garden mould, 2½ feet deep, and the subsoil gravel; the surface is level. The tree is a standard, about 18 years old, of vigorous habit, and grafted on the pear stock; it is trained downwards, and pruned in the usual way. The fruit was of medium size, in excellent keeping condition, very much covered with thin brown russet; the flesh was quite melting, very juicy, with a pleasant briskness, but not rich in flavour.

The **Easter Buerré**, from Mr. A. INGRAM, were grown at Highgrove, which is considerably elevated, and much exposed to east and west. The soil is a strong garden loam, 22 inches deep, and the subsoil gravelly clay, well drained; the surface slopes a little to the west. The tree is against a west wall, about 10 feet high, and though old is in good condition, and always bears well; it is pruned in the usual way. Mr. INGRAM stated that he always left *Easter Beurré* pears to hang on the tree as long as they were safe from frost. Those exhibited were gathered on October 19th; they were very large, handsome, but not in such good keeping condition as those from Mr. MOORMAN, neither were they so juicy; their season had evidently passed, so that they had become mealy, but they had nevertheless more richness of flavour than those from Mr. MOORMAN.

OTHER PEARS.—From Mr. J. B. WHITING, gardener to H. T. HOPE, Esq., F.H.S., the Deepdene, near Dorking: **Beurré Bretonneau**, and **Vauquelin**. *Beurré Bretonneau* is generally a very late pear, ripening (when it does ripen) in May, but is very rarely to be met with in a melting state. Mr. WHITING's specimens were unusually fine, both in regard to size and flavour,

and they were, moreover, perfectly melting and had acquired a high flavour for that variety. The *Vauquelin* was produced, as Mr. WHITING stated, to show its utter worthlessness.

APPLES.

OPEN CLASS: DESSERT SORTS.—The exhibitors were: Mr. SMITH, gardener to S. RICARDO, Esq.; **Lamb Abbey Pearmain**; Messrs. IVERY & SON, Dorking: **Wheeler's Russet, Mickleham Pearmain**; Mr. SPIVEY: **Court-pendu Plat**; MR. GADD, Dorking: **Mickleham Pearmain, Court of Wick**, also sent as *Golden Harvey*; Mr. J. B. WHITING: **Ribston Pippin**; Mr. T. STEWART, gardener to Sir T. WINNINGTON, Bart., M.P., Stanford Court, near Worcester: **Wyken Pippin**, sent as *Onion Apple*.—The *First Prize* was awarded to Mr. GADD, for *Court of Wick;* and the *Second Prize* to Messrs. IVERY & SON, for *Mickleham Pearmain.*

The **Lamb Abbey Pearmain**, from Mr. SMITH, was very inferior in flavour, as also, was the **Wheeler's Russet**. The **Court-pendu Plat** was superior to the preceding, but still defective, as was the **Ribston Pippin**. The **Wyken Pippen** was tolerably well flavoured; but all were inferior to the **Court of Wick**, exhibited by Mr. GADD, under the name of *Golden Harvey*, and to the **Mickleham Pearmain**, from Messrs. IVERY. Respecting this latter, Mr. WHITING sent the following note:—" An apple having been exhibited at a late meeting (see p. 152) by Messrs. IVERY, of Dorking, under the name of *Mickleham Pearmain*, I think it advisable to apprise the Committee that this is only a provincial one, which appears to have originated in the following manner: About 47 years ago, a gardener named Skeet took an inn, called the Running Horse, at Mickleham; and this apple it is believed was found growing in the garden there, and was propagated and distributed by him. From this circumstance it was called by some *Skeet's Pearmain*, and by others *Mickleham Pearmain*. I am informed it is sometimes called *Claygate Pearmain*.* Two distinct varieties of Pearmain are cultivated in this neighbourhood, one of them being known by one or other of the above names, the other by that of *Traveller Pearmain*. I am disposed to think Mr. Ivery's apple is the one known here as *Traveller Pearmain*, but at present I have not the means of ascertaining the fact."

* *Claygate Pearmain* is a very distinct variety.—R. H.

OPEN CLASS: KITCHEN SORTS.—The competitors were: Mr. SMITH, Sunninghill: **Dutch Mignonne**; Messrs. IVERY & SON, Dorking: **Norfolk Beefing**; Mr. WHITING, Deepdene: **Bedfordshire Foundling.** These were reserved to be baked, and tested at the next meeting.

The Kitchen Apples exhibited for competition at the last meeting, namely—from Mr. WALTER REID, gardener to J. HUNT, Esq., Sydenham: **Lemon Pippin**; Mr. JOHN HODGE, nursery and seedsman, St. Austell, Cornwall: **Smith's Pippin**; Mr. JOHN POTTLE, gardener to B. D. COLVIN, Esq.: **Norfolk Beefing**; Mr. SAMUEL EVANS, Arbury: **Dumelow's Seedling**—having been cooked, were now tasted, and the prizes awarded as follows:—*First Prize* to Mr. J. HODGE, for *Smith's Pippin*; *Second Prize* to Mr. REID, for *Lemon Pippin.*

GRAPES.—From Mr. JAMES FRYER, gardener to R. CRAWSHAY, Esq., Cyfarthfa Castle, Merthyr Tydvil: **Muscat of Alexandria, Black Barbarossa,** and a third sort said to be **Black Prince.** The two former were completely shrivelled, and the first was so far advanced in decay, as to have become discoloured and to have lost its muscat flavour; the stalks of both being quite withered and brown. In the variety called *Black Prince*, the berries were quite plump, and the stalks green and fresh. As these had all been grown in the same house, under the same circumstances, it was doubted whether the so-called *Black Prince* was really that variety, which does not usually keep so long, nor in better condition than the *Muscat of Alexandria* or the *Barbarossa*, though the bunch and berries had the characters of *Black Prince*, in regard both to shape and flavour. Mr. FRYER stated that they had been growing by the side of *Barbarossa*, and treated the same in every respect. The house had been kept cool, no fire having been used except in very severe weather. The object in sending them was to show that the variety appeared to be far superior to *Barbarossa* as a keeping grape.

RHUBARB.—From Mr. NEWTON, gardener to J. G. GRAHAM, Esq., Enfield Chase: **Baldry's Scarlet Defiance.** The stalks were about nine inches long, and over an inch broad, fine deep red externally, crisp, tender, and free from fibre. The variety was highly approved as being well adapted for forcing. Mr. NEWTON stated that it had been grown for the last six years by MR. BALDRY of Enfield Chase, who has always realised from 1*s*. to 2*s*. per dozen bundles more for this than for any other kind in the market. This is the first season in which it has been forced.

In the open field the stalks grow from 2 to 2½ inches across, and from 1½ to 2 feet long.

KEEPING FRUIT.—In the following letter accompanying some fruit of the *Winter Nelis* Pear, Mr. TILLERY of Welbeck, recommended bran for the purpose of keeping and of packing fruit. He writes :—

"I find bran the best of all substances for packing late Apples and Pears in shallow boxes. They want no care afterwards, as all sweating and decay are dried up. When sand is used in jars and boxes, it is usually too wet or too dry, and particles are left on the fruit about the eyes and stalks. I have no hesitation in saying, that by keeping the following varieties of late Pears and Apples packed in bran, I shall be able to supply dishes of those fruits for the dessert all the year round.

"*Late Pears.*—Easter Beurré, Doyenné d'Hiver Nouveau, Joséphine de Malines, Bergamotte d'Esperen, Winter Nelis, Ne Plus Meuris, Zéphirin Grégoire, Beurré de Rance, Prince Albert, Léon le Clerc de Laval.

"*Late Apples.*—Bess Pool, Court-pendu Plat, Keddleston Pippin, Cox's Orange Pippin, Ribston Pippin, Reinette du Canada, Fearn's Pippin, Sturmer Pippin, Holbert's Victoria.

"Bran is likewise an excellent clean elastic substance in which to pack Peaches, Apricots, and Grapes, to go long distances. I have used it to send fruit to Caithness this last summer and autumn, and they travelled quite safe all that great distance both by sea and land."

FUMIGATOR. — Mr. SPARY, of the Queen's Graperies, Brighton, sent his patent Fumigator and Mildew Annihilator, which he stated to have been used with complete success. As no opinion as to its utility could be formed by mere inspection, it was referred to the Garden Superintendent to be tried and reported on.

March 6, 1860 (8, *St. Martin's Place*).—Mr. C. EDMONDS, F.H.S. *in the Chair.*

Some further discussion took place on the subject of Mr. STRICKLAND's letter, read at the last meeting, and it was agreed that Mr. STRICKLAND and the SECRETARY should each draw up a plan for the organisation of Local Committees, and report thereon at a future period.

The following sums having been placed at the disposal of the Committee to be awarded in prizes for the encouragement of New Fruits: namely, two prizes of 5*l.* 5*s.* each by C. WENTWORTH DILKE, Esq., V. P.; and a prize of 5*l.* 5*s.* by W. WILSON SAUNDERS, Esq., Treasurer, it was agreed—

"That three prizes of 5*l.* 5*s.* each be awarded to the BEST SEEDLINGS POSSESSING SUPERIOR MERIT of any of the following kinds of fruits, of the growth

of 1860, which shall have been exhibited at any meeting of the Committee between the 1st of May, 1860, and the 31st of March, 1861, viz. : GRAPES, PEACHES, NECTARINES, APRICOTS, PLUMS, CHERRIES, APPLES, PEARS, and STRAWBERRIES : the prizes to be awarded at the meeting in April, 1861."

The SECRETARY announced the following donations to the Fruit and Vegetable Experimental Department at Chiswick :—

Messrs. JOHN ADAMS and Co., Acton Green—25 sorts of Peaches, 15 Nectarines, 2 Plums, 4 Cherries.

Messrs. BATT, RUTLEY, and SILVERLOCK, Strand—3 sorts of Peas, 4 Cucumbers.

Messrs. BUTLER & M'CULLOCH, Covent Garden—11 sorts of Cucumbers.

Messrs. CARTER & Co., Holborn—8 sorts of Peas, 3 Beet, 1 Cabbage, 7 Cucumbers, 1 Broccoli, 1 Kale, 2 Onions, 1 Lettuce, 2 Radishes.

Messrs. CHARLWOOD & CUMMINGS, Covent Garden—11 sorts of Peas, 18 Cucumbers, 2 Beans.

Mr. JAMES CUTHILL, Camberwell—3 sorts of Cucumbers, 1 Melon, 1 Celery.

Mr. W. DEAN, Bradford, Yorkshire—1 sort of Cucumber.

Messrs. JAMES DICKSON & Co., Chester.—2 sorts of Cucumber.

Messrs. DILLISTONE & Co., Sturmer, near Halstead—1 sort of Pea, 1 Cucumber.

Messrs. DONALD & SON, Woking—3 sorts of Vines, 6 Cherries, 2 Plums, 2 Apricots, 6 Peaches.

Messrs. J. & J. FRASER, Lea-Bridge Road—12 sorts of Plums, 4 Cherries.

Messrs. FRASER, RICHARDSON & GOAD, Bishopsgate Street—3 sorts of Cucumbers.

Messrs. GARAWAY, MAYES & Co., Bristol—29 sorts of Currants, 2 Apples, 6 Plums, 1 Peach, 1 Apricot, 4 Vines.

Messrs. HOGG & WOOD, Coldstream—2 sorts of Cherries.

Sir ROBERT HERON—3 sorts of Apples.

Messrs. HURST & M'MULLEN, Leadenhall Street—7 sorts of Peas, 18 Cucumbers, 2 Beans.

Mr. R. GLENDINNING, Turnham Green—2 sorts of Apples, 4 Pears, 13 Plums, 5 Cherries, 1 Vine.

Mr. W. IVERY, Peckham—1 sort of Celery, 1 Lettuce.

Messrs. JACKMAN & SON, Woking—3 sorts of Nectarines, 2 Apricots, 4 Cherries, 5 Plums.

Messrs. J. & C. LEE, Hammersmith—9 sorts of Cherries, 15 Plums, 6 Vines.

Messrs. Low & Co., Clapton—15 sorts of Cherries, 2 Plums, 7 Peaches, 1 Nectarine.

Messrs. MASTERS & SON, Canterbury—1 sort of Cucumber.

Mr. G. MONRO, St. Albans—1 sort of Cucumber.

Mr. T. MOORE, Chelsea—1 sort of Pea, 10 Cucumbers.

Messrs. NUTTING & SONS, Barbican—6 sorts of Peas, 2 Beans.

Messrs. OSBORN & SONS, Fulham—10 sorts of Cherries, 12 Plums, 10 Vines.

Mr. T. RIVERS, Sawbridgeworth—19 sorts of Cherries, 22 Plums.

Mr. W. ROGERS, Chelsea—1 sort of Cucumber.

Mr. C. SOUTHBY, Clapham—2 sorts of Cucumbers, 2 Melons.

Messrs. SUTTON & SONS, Reading—13 sorts of Peas, 7 Cucumbers, 1 Beet.

Mr. E. TILEY, Bath—4 sorts of Cucumbers.

Mr. C. TURNER, Slough—15 sorts of Peas, 21 Cucumbers, 2 Nectarines, 1 Apricot, 3 Cherries, 6 Plums.

Mr. J. VEITCH, Jun., Chelsea—15 sorts of Plums, 11 Cherries, 2 Peas, 2 Cucumbers.

Messrs. VEITCH & SON, Exeter—2 sorts of Apricots, 4 Nectarines, 5 Peaches, 2 Cherries, 1 Plum.

M. M. VILMORIN ANDRIEUX & Cie, Paris—48 sorts of Haricots, 7 Sugar Pears, 29 sorts of Cabbage, Borecole, and Savoy.

Messrs. WOOD & INGRAM, Huntingdon—7 sorts of Cucumbers.

The SECRETARY—A collection of 115 new varieties of Belgian Pears, on the quince stock, in bearing condition.

APPLES.—The Kitchen Apples exhibited at the last meeting were examined, and the awards made as follows:—*First Prize* to Messrs. IVERY & SON, Dorking, for **Norfolk Beefing**; and *Second Prize* to Mr. J. B. WHITING, of the Deepdene, Dorking, for **Bedfordshire Foundling**.

Other Apples were exhibited, namely:—From C. W. STRICKLAND, Esq., Hildenley: **Dumelow's Seedling**; these had been subjected to the influence of hard frost, and were more or less decayed; the acid of the fruit was very much subdued. **Winter Strawberry**; fruit of medium size, roundish, pale yellow much covered with broken streaks of dark crimson; eye small and closed, not deeply depressed; stalk very short embedded in the deep cavity; flesh tender, juicy, brisk, and with a fine strawberry flavour. This is a culinary apple; its season was evidently past, for it had become somewhat mealy, and when baked was void of flavour. **Lincoln Pippin**; this is a variety commonly grown in the orchards

bordering on Lincolnshire and in Yorkshire; it was larger than the foregoing, and varied from a round to a somewhat cylindrical shape, the skin not so highly coloured, though marked with broken streaks of crimson; eye small and closed; stalks three-fourths of an inch long, slender, set in a deep and rather wide cavity; flesh yellowish, tender and briskly flavoured. When cooked, though in better condition than the *Winter Strawberry*, it was of decidedly inferior quality.—From Mr. M'DONALD, gardener to the Right. Hon. W. F. TIGHE, Esq., Woodstock Park, Inistiogue: **Gloria Mundi**, large, well grown, and well kept; **Lewis's Incomparable**; **Golden Pearmain**, very fine; **Blenheim Pippin**; and **London Pippin**. Unfortunately these had all been in contact with musty straw, or some material of a similar description, and their natural flavour was destroyed.

LOQUAT.—R. GUNTER, Esq., F.H.S., East Hill, Wandsworth, exhibited a bunch of the fruit of the **Loquat** (*Eriobotrya japonica*). The specimens were considered fine examples of this kind of fruit; they were about as large as a pigeon's egg, and of a long ovate shape; the skin thin and delicate, fine pale golden yellow, enclosing a good substance of very tender juicy sweetish or subacid flesh, and from three to four large seeds. The fruit was produced at the warm end of a greenhouse, from a plant potted in rich soil, and top-dressed annually. Though a creditable production, this was not regarded as a fruit desirable for cultivation, except as a curiosity.

RHUBARB.—From Mr. NEWTON, gardener to J. G. GRAHAM, Esq., Enfield Chase: **Baldry's Scarlet Defiance** (p. 158). It was on this occasion produced in a pot in a growing state, and had been forwarded in a greenhouse; it seemed to be a prolific variety, producing as before, thick dark red tender stalks.

XXVIII.—REPORTS OF THE FLORAL COMMITTEE.

(*Continued from p.* 135.)

February 9, 1860. The REV. JOSHUA DIX *in the Chair.*

The arrangements to be made for carrying out the experimental trials of New Flowers and Plants at Chiswick, which the Council had entrusted to the Committee, having been discussed, it was

agreed, that during the present season, trial collections should be obtained, as complete as possible, of the following kinds of flowers: —Verbenas, Bedding Pelargoniums of all kinds, Petunias, Bedding Lobelias, Heliotropes, Fuchsias, Tydæas and Achimenes, Bouvardias, and Variegated Begonias; and that Fellows of the Society, and others, should be invited to contribute plants, &c., for this purpose.

The subjects of exhibition to which awards were made, were on this occasion as follows:—

Pteris tricolor (*Linden*):—from M. LINDEN, Brussels. This beautiful new variegated Fern was awarded a FIRST-CLASS CERTIFICATE OF MERIT. It is a dwarfish plant, with the habit and appearance of *Pteris aspericaulis*, of which it is a variegated variety. The fronds are about a couple of feet in length, pedately pinnate-pinnatifid, *i.e.*, pinnate, with the lowest pinnæ bipartite, the pinnæ and branches being pinnatifidly divided; the stipites are roughish dull purplish, the rachides and costæ purplish-red, the latter bearing purplish-red spines on their upper side at the base of the segments. The fronds are of a deep green, the purplish-red rachides bordered on each side with a broad band of grayish-white; the young fronds are deep red. The colours are very striking and effective, and render this a most important addition to the fern family, amongst which variegated forms are rare. It was stated by M. Linden to have been introduced from Malacca.

Adiantum patens:—from Messrs. VEITCH & SON, Exeter and Chelsea. This is an extremely elegant stove fern, producing a tuft of erect fronds, which in this instance were a foot or more in height, though the plant was not fully developed. The fronds are bright green, pedately branched, the branches being pinnate; the pinnules oblong, very obtusely rounded, somewhat curved backwards, crenately-lobed, and bearing a few reniform-orbicular sori. The plant was awarded a FIRST-CLASS CERTIFICATE OF MERIT, as being a desirable species of a highly ornamental character. It had been obtained from the continental gardens, as a species of *Lindsæa*.

Some other interesting plants were also exhibited, namely:—

Lælia præstans:—from R. WARNER, Esq., Broomfield. A weak plant bearing one small flower, of a very ornamental character. The stems were short clavate; the leaves oblong acute or bluntish. The flowers were of a pale purplish rose, three and a-half inches in expansion; the sepals lanceolate, the petals ovate,

twice as broad as the sepals, the lip rolled up into a curved tubular form, about an inch and a-half long, and having inside, near the mouth, four very slightly raised or crested veins, the two exterior of which were the most prominent; the tube-formed portion of the lip was orange-yellow inside, and tinged with purple exteriorly, the mouth being of a deep rose-purple indistinctly margined with white. It was very closely allied to *L. pumila*.

Lælia pumila, *var.* **major**:—from R. WARNER, Esq. This was also a small weak plant, and proved to be identical with the *Cattleya pumila* var. *major*, of Lemaire (*L'Illust. Hort.* vi., t. 193), who proposes to reduce *Lælia* to a section of *Cattleya*. It was similar in habit to the foregoing, with rather longer and more decidedly oblong leaves. The flowers also were larger, measuring over four inches across, with the lip two inches long: the sepals and petals of the same form and colour as in that called *præstans*, but the lip differently coloured, the tubular portion being white inside, and whitish below purplish above on the outside, while the mouth was rich rose-purple, paler towards the edge; two obscure crested veins only were visible inside the lip. Mr. WARNER stated that the latter plant, which he called *Lælia spectabilis*, "always has larger flowers than *præstans*, even when the bulbs of *præstans* are the stronger of the two." The plants had been imported from Brazil as *Cattleya marginata*, and were both regarded by the Committee as forms of the variable *Lælia pumila*, better known under the name of *Cattleya pumila*, of which the *Cattleya marginata* of gardens is again another form.

Oncidium cheirophorum (*Reich.*):—from R. WARNER, Esq. This was a cut spike of an exceedingly curious small-flowered yellow species, much less showy than many other kinds, but of remarkable structure, and forming a pretty free-blooming small-growing plant. It had been in bloom for six weeks: the sepals and petals were roundish concave and reflexed; the lip three-lobed with two ear-shaped projections at the base, the middle lobe roundish, and the lateral ones somewhat oblong spreading; the column had a pair of large curved lateral wings near the top, a strong recurved tooth or horn standing up in front of it, and the crest of the lip was arched, with a pair of teeth at its base. The flowers were clear pale yellow, and slightly scented.

Epacris Vesuvius:—from Messrs. VEITCH & SON. A fine deep red variety, and one of the best yet produced of the *impressa*

section, but too similar to some others in cultivation to require especial reward.

Begonia Duchesse de Brabant:—from M. LINDEN. A new Belgian hybrid of the variegated group. The leaves were dark green, marked as in *B. Rex* with a broad vandyked silvery zone, a few silvery dots being sprinkled on the green portions. It was not thought to be equal to varieties already produced.

Nephelaphyllum pulchrum:—from M. LINDEN. This plant which had previously been Commended as a variegated-leaved orchid, apparently of free growth, was now exhibited in bloom. The flower scape was a few inches high, and bore a few dull-looking flowers, of which the sepals and petals were brownish and reflexed, and the lip larger dull straw-colour.

Camellia reticulata, *var.* **flore-pleno**:—from Mr. STANDISH, Bagshot. Of this fine variety, sent by Mr. Fortune from China, a partly opened bud was produced; and also a bloom of the variety called **Princess Frederic William of Prussia**, which proves to be one of the most constant and beautiful of the carnation-striped varieties, the flowers being finely imbricated, and evenly and constantly flaked with bright pink.

March 8th.—The REV. JOSHUA DIX *in the Chair.*

The following donations for the Experimental Floral department at the garden at Chiswick, were announced as having been received:—

Messrs. CARTER & Co., Holborn: 245 sorts of Flower seeds.
Mr. THOMPSON, Ipswich: 33 sorts of Flower seeds.
M. VAN HOUTTE, Ghent: 30 sorts of Flower seeds.
MM. VILMORIN & CIE., Paris: 12 sorts of Flower seeds.
Mr. VEITCH, Chelsea: 63 sorts of Flower seeds; 22 kinds of Variegated Begonia, 10 Tydæas, 34 Achimenes.

Various interesting plants were on this occasion exhibited:—

Rhododendron Brookeanum, *var.* **flavum**:—from Messrs VEITCH & SON, Exeter and Chelsea. This fine plant, imported from Penang, was furnished with broadish long-lanceolate glossy leaves, and terminal heads of fine waxy-looking clear pale-yellow flowers, the segments of which were a little wavy and somewhat obliquely retuse. It formed a very handsome plant, somewhat intermediate in character between *R. javanicum* and *R. Brookeanum*. A FIRST-CLASS CERTIFICATE OF MERIT was unanimously

awarded to it, as being one of the finest yellow-flowered *Rhododendrons* yet known in cultivation.

Cymbidium giganteum, *var.* **discolor**:—from Messrs. VEITCH & SON. This was a very distinct and ornamental plant, of terrestrial habit. The long strap-shaped striated distichous leaves were about $1\frac{1}{4}$ inch wide in the broadest part, and narrowed gradually towards the equitant base. The pleasantly fragrant flowers grew on a pendent scape, which in this case was about 2 feet long, and bore several flowers, each measuring, when spread out, nearly 6 inches across. The sepals and petals were oblong acute, the latter, as well as the lateral sepals, slightly decurved or falcate, yellowish-green. The lip was somewhat shorter than the petals, three-lobed, the lateral lobes narrow, erect, and appressed to the column, pointed in front, ciliated, yellowish, and marked inside with short streaks of reddish-purple; the middle lobe was recurved and spreading, about an inch and a quarter broad, narrowing towards the point, frilled as well as ciliated at the margin, and bearing on the disc a pair of contiguous sharp ridges, which were furnished with numerous short hyaline hairs along the top, the ridges extending backwards as far as the column, but not produced along the middle lobe towards the apex, this portion of the lip having a smooth surface; the colour of the conspicuous part of the lip in the young flowers was greenish-white, with a deep reddish-purple central streak, and a row of short oblong transverse reddish-purple blotches along the margin, but in the older unfaded flowers, the ground colour becomes suffused with purple. The front of the column is strongly marked with broken red lines, the hinder part clear yellow. This was awarded a FIRST-CLASS CERTIFICATE OF MERIT, as a plant of distinct and showy character. It had been imported by Messrs. VEITCH from "Pucheme," where Mr. T. LOBB found it growing on mossy trees in the forests, at an elevation of 7500 feet, flowering in winter, when snow falls.

Primula sinensis atro-rosea plena:—from Mr. C. TURNER, of Slough. This beautiful plant was awarded a FIRST CLASS CERTIFICATE OF MERIT. It proved to be a variety of vigorous habit, producing umbels of numerous large double flowers, which were fully an inch and a half in diameter, and of a deep rose-colour, fringed on the margins of the segments, as in the variety called *fimbriata*, of which this is a double-flowered form, accidentally produced amongst seedlings of the common fringed sort.

Cineraria Miss Eyles:—from Mr. TURNER. This variety

was awarded a FIRST-CLASS CERTIFICATE OF MERIT, on account of its general good properties. The florets were broad, flat, and well-formed, rosy-purple, white at the base, so as to form a distinct broadish white ring or zone around the well-proportioned dark gray disc or centre.

Cineraria Handel:—from Mr. TURNER. This was a rich bright purple-crimson self, with fine broad smooth florets, and a dwarf but vigorous and free-blooming habit. It was COMMENDED on account of its fine colour.

Cineraria Amazon:—from Messrs. F. & A. SMITH, Dulwich. This was COMMENDED as a useful and attractive variety, of vigorous habit, and adapted for decorative purposes; the flower-heads were large, the florets deep rosy-purple, with a clear white base, and a dark disc of medium size.

The following subjects were also produced:—

Violet, Harman's Neapolitan:—from Mr. E. HARMAN, Denham, near Uxbridge. This was exhibited as a large-flowered variety, but was not shown in a condition superior to well-grown examples of the old Neapolitan Violet.

Azalea, Sir J. Outram:—from Mr. TURNER. A small plant, with the flowers hardly in a perfect condition, but remarkable for their fine colour, a rich bright carmine-red, thickly spotted on the upper segment.

Azalea, a new white variety, shown without name:—from M. MARGOTTIN, nurseryman, Bourg la Reine, Paris. The flowers were of tolerable form, but inferior to other white varieties.

Camellia, Madame Langelier:—from Messrs. J. & C. LEE, nurserymen, Hammersmith. A variety of fine habit, free-blooming, and producing large blossoms, which, however, in the rather over-blown flower exhibited were not considered perfect in form, nor sufficiently attractive in colour; the flower was upwards of four inches in diameter, full, the petals imbricated and reflexed, of a deep pink or pale rose-colour.

Epacris, Queen Victoria:—from Messrs. VEITCH & SON. A good white variety, but the plant exhibited was rather past its best, and this, together with the protrusion of the dark anthers produced an apparent want of purity as a white flower; the flowers were campanulate, and the habit in every way desirable, being densely branched, and freely producing the short close spikes of flowers.

Cinerarias:—from Mr. TURNER: **Lurline**, a fine bold flower, rosy purple, the centre or disc dark gray, and surrounded by a narrow ring of white; the disc was well-proportioned, and the

florets smooth and well-formed. **Vincent Wallace**, a good, dark rose-purple self-coloured variety, of dwarf and free blooming habit. **Godfrey**, another rose-purple self, with a grayish-purple disc. **Mademoiselle Parepa**, a dark rose-purple, having a dark disc surrounded by a white ring, showy, but the florets somewhat notched.—From Messrs. F. & A. SMITH: **Rosy Morn**, lilac purple, with white ring and gray disc. **Gem**, deep rose-purple, with narrow white ring around the gray disc, the florets reflexing and becoming open and starry in age. **Mammoth**, large flowers, deep rosy-purple, the lower half of the florets white, forming a broad ring around the dark disc: these three were showy varieties for decoration. **Blue Bonnet**, deep blue, whitish towards the disc. **Sultana**, dark purple having a crimson shade, white next the disc. **Duchess of Sutherland**, large, white, tipped with rose-purple.

From Messrs. E. G. HENDERSON & SON, of St. John's Wood:—

Gardenia citriodora: one of the most useful of recently-introduced winter-flowering stove shrubs. The plants form dwarf evergreen bushes, and are loaded with white blossoms in clusters from the axils of the leaves; the flowers have the fragrance of orange-blossoms, for which they form admirable substitutes.

Cyclamen persicum: a collection of twelve varieties of these beautiful spring-flowering greenhouse perennials. These were produced for the purpose of showing the interesting variations in colour to be obtained from seed, and the improvement to be effected in this way in the form of the flowers. Amongst those exhibited, the most remarkable for merit in this respect were:—**purpureum**, fine deep lilac-rose or rose-purple, with broad obtuse segments; **grandiflorum**, fine blush white, with broad obtuse segments, and rich crimson markings at the base; **rubrum coccineum**, fine bright rose-colour, with crimson markings; **marginatum purpureum**, whitish, with broad obtuse segments, tipped with blush, the base marked with purple.

Hebeclinium aurantiacum: this plant produces zinnia-like flowers of a rich clear vermilion orange, and when in blossom is peculiarly attractive; it proves very useful as a winter bloomer, and the flowers, being long-stalked and of a striking colour, are at that season especially valuable in bouquets. It has the demerit of being of rather loose straggling habit.

Camellia Mammoth: a fine showy variety, of American origin; flowers very large, with two or three series of remarkably broad, smooth, deep crimson petals, sparingly blotched with white, and having a close anemone-formed centre.

March 29, 1860. (*Extra Meeting.*)—The Rev. JOSHUA DIX *in the Chair.*

The subjects exhibited on this occasion were the following:—

Tea-Rose President:—from Messrs. PAUL & SON, of Cheshunt. This variety, which had been shown last autumn, was now produced in a much better condition, and was awarded a FIRST-CLASS CERTIFICATE OF MERIT. The large, well-cupped, nicely formed flowers were blush tinged with salmon-buff when young, becoming blush when older. The plant was evidently of free growth, and was stated to be of a hardy character, being in this respect similar to *Caroline*, which was one of its parents.

Erica aristata virens: from Messrs. LOW & Co., of Clapton. An excellent form of *Erica aristata*, with a deep reddish salmon varnished tube, dark-coloured at the mouth, and having bold blush-coloured limb-segments; it had a tendency to bloom in larger trusses than is usual among this class of heaths, from six to eight flowers being frequently produced on one head, and was COMMENDED on this account, as a desirable and distinct variety.

Pelargonium (*zonale*) **Aurora**:—from Mr. J. HALLY, of Blackheath. A dwarf-growing and very free-blooming variety, with deep salmon-coloured flowers; the leaves having a dark horse-shoe mark, and a grayish centre. It was COMMENDED for its free-blooming dwarf habit. The flowers were much deeper coloured than in *Blackheath Beauty*, a similar variety, noticed at p. 73. Mr. HALLY stated that both have continued blooming all the winter; the plants exhibited were very dwarf and compact, a truss of bloom accompanying every leaf. It was considered as likely to be a useful dwarf variety for bedding purposes.

Cineraria marginata:—from Mr. WIGGINS, gardener to E. BECK, Esq., F.H.S., Isleworth. This was COMMENDED on account of its fine form and remarkably even markings; the flower-heads were moderate-sized, with the florets pure white, and bearing a slight but very even and regular tip of deep rosy-lilac; the disc light purple, and proportionate in size.

Cineraria Queen of Beauty:—from Mr. C. TURNER, of Slough. A handsome showy flower of the heavily-tipped class; disc dark purple; florets white, tipped with purple crimson. This was COMMENDED as a useful variety for exhibition purposes, as well as for general decoration.

Various other seedling flowers, many of them possessing con-

siderable merit, were exhibited. Among them were the following **Cinerarias**:—from Mr. C. Turner: **Reynolds Hole**, a rich purplish crimson self, with remarkably broad smooth florets, the flower-heads large, and the disc of moderate size; it was a fine variety of the purplish-crimson class. **Royal Charlie**, a medium-sized flower with broad florets, the colour a dark violet-purple, distinct from the self-coloured kinds already in cultivation. **Mabel**, a very striking medium-sized variety, the florets clear white with purple tips, and the disc small compact dark purple. **Maid of Astolat**, large, white with slight tips of purplish crimson, and a light purple disc. **Rosalie, Shield of Oberon**, and **Fair Star**, purplish-crimson selfs resembling *Reynolds Hole*, but inferior in quality. **Adam Bede**, a large purplish-rose, distinct in colour from the preceding. **Flower of Spring**, a heavy purple-tipped variety.—From Messrs. F. & A. Smith, of Dulwich: **Volunteer**, a smooth bright crimson-purple, with a gray disc, and a small white spot at the base of each floret, giving it a novel and lively character. **Géant des Batailles**, a purple-crimson self, of good properties, and of showy character. **Crimson King**, very much resembling the last. **Magnum Bonum**, a large but coarse variety, the florets heavily tipped with blue. **Attraction**, a showy flower, white tipped with bright purple-crimson, but uneven in form. **Tyrian Prince**, a showy rose-purple.—From Mr. Wiggins, gardener to E. Beck, Esq., F.H.S.: **The Bride**, white with a slight tip of deep crimson purple, and a compact dark disc; a showy variety having many good qualities, but not sufficiently defined in the markings. **Bridesmaid**, similar in colour to the last, except that the disc was light. **Criterion**, a light tipped sort.—From Messrs. Perkins & Son, Park Nursery, Coventry: cut blooms of four seedling Cinerarias, named **Dr. Lindley, Garibaldi, Rifleman**, and **Solferino**; these were all remarkably rich-coloured flowers.

Of **Azaleas** there were:—From Messrs. Ivery & Son, Dorking: **Leviathan**, a large semi-double white, of great purity; the flowers, though showy, were rather loose, with wavy edges, but it was considered as a step in advance towards the acquisition of a large-flowered, double, pure white variety.—From Mr. Todman, gardener to R. Hudson, Esq., Clapham Common: **Prince of Orange**, a free blooming and pretty orange-red variety, corresponding in colour with *Gem*, but without the contrast afforded by the spotting on the upper segment which forms so striking a feature in that variety. **Clapham Beauty**, a delicate rose-côlour, well formed

and of medium size, but not spotted. They were handsome but not superior varieties.

Camellia Madame Langelier: from Messrs. J. & C. LEE, Hammersmith. A light rose coloured variety, noticed at p. 167.

Deutzia gracilis variegata:—from Mr. G. McINTOSH, Hammersmith. This was a neatly variegated sport of the well known *Deutzia gracilis*, but the plant was scarcely established.

Of varieties of **Erica aristata** there were:—from Messrs. Low & Co., Clapton; **Barnesii**, a remarkably handsome and showy variety, with long-tubed flowers of a pinkish salmon-colour, and a very large expanded white limb; it was desired to see this in company with *E. aristata major* before deciding on any award. **Lowii** was nearly past blooming; the tube of a deep reddish salmon-colour, and the limb small and tinged with red.

Of seedlings of **Epacris**, Messrs. Low & Co. exhibited:—**rosea magniflora**, a clear pale rose-coloured variety; **Vivid**, bright red; **Virgin Queen**, creamy white, not so pure as *Lady Panmure*, which was compared with it; **Favourite**, a short-tubed rose-pink, tipped with white. These plants were all much damaged, and not in a fit state for adjudication.

Verbena Toomeri:—from Mr. W. TOOMER, gardener to A. MAYHEW, Esq., Kew Bridge. A large bunch of the cut blooms of this orange-scarlet variety was exhibited. Mr. TOOMER stated that it was a free-growing bedding sort, and a profuse bloomer, having continued in flower from October to the present time.

Roses:—From Mr. STANDISH, Bagshot: small blooming plants of Hyb. Per. **Count de Falloux**, deep crimson, and **Madame Standish**, bright rose pink, in the way of *Auguste Mie*, but more highly coloured, and of a more decided perpetual character.

Hyacinths:—Messrs. CUTBUSH & Son exhibited a collection of 12 finely bloomed plants, and also a collection of 9 new kinds, for which a SPECIAL CERTIFICATE was awarded. The latter group consisted of—**Lina** and **Desdemona**, deep crimson red; **Von Schiller**, **Koh-i-noor**, and **Circe**, pinkish-red; **Snowball**, a white of remarkable properties, with broad shallow expanded short lobed bells, and **Madame Van der Hoop**, another large flowered white; **General Havelock**, a fine dark blue, and **Black Prince**, very dark blackish purple, the darkest of all the Hyacinths. Among the others were remarkable specimens of **Charles Dickens**, a light grayish blue, **Solfaterre**, a bright orange red, **Elfrida**, a fine blush, and **Grand Lilas**, one of the largest of the gray-blues.

Cyclamens :—From Messrs. E. G. Henderson & Son, St. John's Wood: a collection of 12 named varieties of *C. persicum*, including all the most distinct forms of this handsome spring flower. A Special Certificate was awarded to this collection. —From Messrs. Low & Co., 5 varieties of *C. persicum*.

April 12, 1860.—The Rev. Joshua Dix *in the Chair.*

The following additional donations for the Experimental Floral Department at Chiswick, were announced as having been received since those reported on March 8th.

Mr. W. Chater, Saffron Walden—48 sorts of Hollyhock.

Messrs. Ivery & Son, Dorking—12 sorts of Indian Azalea.

Messrs. Low & Co., Clapton—13 new Verbenas, and 14 new Petunias of 1860, 34 Bedding Pelargoniums, 9 Bedding Lobelias, 9 Heliotropes, 6 Bouvardias, 25 Fuchsias, 13 Tydæas, 16 Achimenes, 12 Variegated Begonias.

Messrs. Parker & Williams, Holloway—12 sorts of Fuchsia, 6 Petunias, 5 Achimenes and Tydæas, 4 Bouvardias.

Mr. Turner, Slough—42 sorts of Flower Seeds, 31 sorts of Show Pelargoniums, and 31 other Pelargoniums.

Mr. Van Houtte, Ghent—25 sorts of Achimenes and Tydæa.

The plants exhibited on this occasion were :—

Lycaste Skinneri, *var.* **superba** :—From Messrs. Veitch & Son, Chelsea. This beautiful and very distinct variety, which was shown along with three other imported forms of *L. Skinneri*, was awarded a First Class Certificate of Merit. The flowers were very handsome; the sepals being of the usual delicate rose or blush colour, the petals an intense rich velvety rose crimson, and the lip white. It had been sent from Guatemala by G. U. Skinner, Esq. The others which accompanied it, had the lip variously spotted or bordered.

Vanda gigantea :—from Messrs. Veitch & Son. This was a cut spike about a foot long; it bore numerous flowers, measuring nearly three inches across, and remarkable for their thick leathery texture; they were of a palish yellow irregularly marked with cinnamon-coloured oculate blotches; the sepals were oblong-obovate obtuse, the two lateral ones remarkably keeled behind; the petals nearly of the same form but somewhat smaller; and the lip small, narrow, incurved, with two short rounded auricles. It was awarded a Special Certificate, as the finest example of this rare and valuable species, which has been yet exhibited.

Vaccinium rugosum:—from Messrs. Veitch & Son. A curious lax-growing vacciniaceous shrub. The leaves were sessile, nearly four inches long and an inch broad, oblong lance-shaped, ending in a longish point, having coarse shallow distant rounded serratures and a rugose surface. The flowers grew in short pendent racemes from the older parts of the branches, and were of very curious structure and marking; they had a large and conspicuous five-angled dull reddish calyx; the corollas were about an inch long, tubular, slightly inflated and contracted at the mouth where they were greenish, the rest being of a semitransparent dull white, winged with five elevated angles, and marked between the wings with wavy transverse reddish purple lines. The species was considered to be deserving the attention of those who take interest in plants of curious structure and aspect.

Clerodendron [? phyllomega]:—from Messrs. Veitch & Son. This species, which had been introduced from India, was a stately plant, of erect habit, bearing ample smooth stalked oblong acuminate feather-veined leaves, and a large dense oblong terminal panicle of orange-red blossoms, the flowers having a slender tube about an inch long and a five-parted limb of about the same expansion. It was a distinct and showy species, quite worthy of cultivation where a variety in this class of plants is desired, but it was thought to be not equal in brilliancy and attractiveness to some of the fine species of this genus already in cultivation.

Solanum laciniatum:—from Mr. Standish, of Bagshot. A free growing subshrubby species, with elegant pinnatifid leaves having a few oblong acuminate lobes; it branches freely, and produces in abundance lateral corymbose racemes of flowers of a bluish mauve colour, two inches across and nearly circular in outline. It was awarded a Special Certificate as a useful re-introduced out-door summer plant.

In the class of Florists' Flowers there were produced:—

Variegated Pelargonium Flower of Spring:—from Mr. C. Turner, of Slough. This variety, which was dwarfish and branching in habit, had the convex leaves bordered with creamy white, and irregularly blotched with grayish green; the flowers were large and of improved form, orange-scarlet with a cerise tinge, which was stated to be more fully developed in the summer blooms. It was considered an acquisition; and was awarded a First Class Certificate of Merit.

Cineraria Magenta:—from Mr. C. Turner. A deep purplish

rose self, the flowers neatly formed, with broad flat florets. It was COMMENDED on account of its form.

Many **Cinerarias**, chiefly varieties possessing average merit and showy in character, were exhibited. Of these gay spring flowers there were :—from Messrs. PERKINS & SON of Coventry: **Garibaldi**, a large bright lilac-purple, with a clear white ring around the purple disc ; the colour of this was distinct, and the flowers very showy, but it was not equal in form to the varieties now most esteemed ; the flower-heads were about an inch and a half in diameter. **Solferino, Dr. Lindley**, and **Rifleman**.—From Mr. TURNER: **Constancy**, an elegant and showy variety for decorative purposes, having a remarkably free-blooming habit, so as to form a diffuse mass of flower-heads ; florets broad, rather reflexed, the lower half white, the upper deep rosy-purple, the disc purple. **Duke of Cambridge**, a bold and showy rich rosy crimson, with fine broad florets.—From Messrs. F. & A. SMITH of Dulwich : **Hebe**, a very large crimson purple with white ring surrounding the purple centre ; some of the flower heads were nearly two inches across. **Glory of Dulwich**, another ornamental variety, having white florets moderately tipped with purple crimson surrounding a dark purple disc. **Purple Prince, Volunteer, Mr. Marnock, Clara**.—From Mr. E. SHENTON, Hendon ; **Miss Todd, Ianthe**.—From Mr. J. CRAWFORD, High Beach : **Fair Rosamond**, also **Queen Victoria**, a coarse but showy sort with tips of pale bluish lilac.

Azaleas :—from M. BAUMANN of Ghent: **Baumanni**, a white-flowered sort.—From Mr. STANDISH : **Constancy**, a very useful free-flowering decorative sort, white, streaked and flecked with light red.

XXIX.—SPECIAL GENERAL MEETINGS,
MARCH 27—APRIL 17.

A Special General Meeting of the Society was held on Tuesday, March 27th, at the House of the Society of Arts, John Street, Adelphi, for the purpose of electing various Candidates who had been proposed for the Fellowship. The Right Hon. the Earl of DUCIE, V.P., took the chair. The following Ladies and Gentlemen were on this occasion elected Fellows :—

Mr. Samuel Ainsworth, 233, High Holborn, W.C.
Joseph Angell, Esq., Avenue House, Bellsize Park, N.W.
T. R. Auldjo, Esq., 1, Rutland Gate, Hyde Park, S.W.
M. J Ernst Benary, Erfurt, Prussia.

Thomas Brassey, Esq., 56, Lowndes Square, S.W.
John Campbell, Esq., Niddrie Lodge, Campden Hill, W.
Colin Minton Campbell, Esq., Stoke-upon-Trent.
William Cooper, Esq., 40, Brompton Row, S.W.
Edmund Coulthurst, Esq., 6, New Street, Spring Gardens, S.W.
Miss A. G. Burdett Coutts, Stratton Street, Piccadilly, W.
J. Lewis Etherington Curt, Esq., 33, Great Portland Street, Regent Street, W.
Mrs. C. Z. Dresden, 2, Devonshire Place, Portland Place, W.
The Countess of Ducie, 30, Princes Gate, S.W.
Lord Moreton, 30, Princes Gate, S.W.
Lady Constance Moreton, 30, Princes Gate, S.W.
Henry East, Esq., 61, Inverness Terrace, Kensington Gardens, W.
Henry William Eaton, Esq., 16, Princes Gate, S.W.
John Edward Errington, Esq., 13, Duke Street, Westminster, S.W.
Thomas Fairbairn, Esq., Manchester.
Mrs. Fenwick, 33, Rutland Gate, S.W.
Chas. J. Freake, Esq., Cromwell House, Cromwell Road, South Kensington, W.
Mrs. C. J. Freake, Cromwell House, Cromwell Road, South Kensington, W.
Thomas G. Freake, Cromwell House, Cromwell Road, South Kensington, W.
Major Gammell, Steven's Hotel, Bond Street, W.
Wm. H. P. Goore, Esq., Princes Square, Kensington Palace Gardens, W.
Captain W. Gray, M.P., 11, St. James's Place, S.W.
Joseph Watts Hallewell, Esq., Stratford House, Stroud.
Lieutenant-Colonel Hogg, 4, Carlton Gardens, S.W.
Stephen George Holland, Esq., 18, Radnor Place, Hyde Park, W.
Alex J. B. Beresford Hope, Esq., M.P., Arklow House, 1, Connaught Place, W.
Lady Mildred Beresford Hope, Arklow House, 1, Connaught Place, W.
Mrs. Stroud Lincoln, 8, Alexander Square, Brompton, S.W.
Joseph Locke, Esq., M.P., 23, Lowndes Square, S.W.
Samuel Morley, Esq., Craven Lodge, Stamford Hill, N.
Mr. William James Nutting, 60, Barbican, E.C.
Miss Anne Porter, Burlingham, Pershore, Worcestershire.
Miss Edith B. Pringle, 3, Queen's Terrace, Kensington Gore, W.
Miss Eleanor H. M. Pringle, 3, Queen's Terrace, Kensington Gore, W.
Miss Emily G. V. Pringle, 3, Queen's Terrace, Kensington Gore, W.
Rev. Thomas Randolph, Much Hadam Rectory, Herts.
Mrs. Robarts, 26, Hill Street, Berkeley Square, W.
Miss Sophia Rowland, Rosenthal, Lewisham, S.E.
Alexander William Rowland, Esq., Rosenthal, Lewisham, S.E.
Samuel Scrivens, Esq., 1, Portland Place, Clapham Road, S.
Colonel F. H. Turner, Gouray, Jersey.
Thomas Spencer Wells, M.D., 3, Grosvenor Street, W.
Mrs. Weston, 14, Hyde Park Gate, Kensington Gore, W.
Miss Mary Weston, 14, Hyde Park Gate, Kensington Gore, W.
Miss Helen Elizabeth Weston, 14, Hyde Park Gate, Kensington Gore, W.
Mrs. White, 19, Belgrave Square, S.W.
Mrs. A. Zanzi, 30, Brompton Crescent, Brompton, S.W.

A Special General Meeting, for the election of Fellows, was also held on Tuesday, April 17th, at the House of the Society of Arts; the Rev. LEVISON VERNON HARCOURT, V.P., in the chair. On this occasion the following Ladies and Gentlemen were elected Fellows:—

Mrs. James Alexander, 10, Porchester Terrace, Bayswater, W.

Harry Chester, Esq., 63, Rutland Gate, S.W.
Mrs. Chester, 63, Rutland Gate, S.W.
Mrs. William Henry Cole, 13, Upper Finchley Road, N.W.
Chesterfield Gayford, Esq., 1, Southwick Place, Hyde Park, W.
George Goss, Esq., Lower Tottenham, N.
Edward B. Green, Esq., Ravensbourne Park, Lewisham, S.E.
Hugh Hammersley, Esq., 2, Upper Kensington Gore, W.
Mrs. Hammersley, 2, Upper Kensington Gore, W.
Rev. Francis R. Hepburn, Chaily, near Lewes, Sussex.
Edwin J. M. Herapath, Esq., 10, Blenheim Road, St. John's Wood, N.W.
Andrew Jardine, Esq., Lanrick Castle, Stirlingshire, N.B.
Sir Raymond Jarvis, Ventnor, Isle of Wight.
Sir Edmund Lacon, Bart., M.P., Ormsby House, Great Yarmouth.
Henry Langley, Esq., 11, Queen's Terrace, Queen's Gate, W.
Thomas Y. Learmouth, Esq., 1B, Albany, Piccadilly, W.
Charles John A. MacLean, Esq., 14, Cork Street, W.
Hon. Mrs. Maude, 75, Onslow Square, S.W.
Mrs. Joseph Maudslay, 21, Hyde Park Square, W.
Miss Isabel A. Maudslay, 21, Hyde Park Square, W.
Miss Clara R. Maudslay, 21, Hyde Park Square, W.
William R. Mitchell, Esq., 14, North Terrace, Camberwell, S.
Captain Wm. Pixley, Park Villa, Victoria Road, Kensington, W.
Mrs. Pixley, Park Villa, Victoria Road, Kensington, W.
Robert Ellis Pixley, Esq., Park Villa, Victoria Road, Kensington, W.
Lieut.-General Sir George Pollock, G.C.B., Clapham Common, S.
Lady Pollock, Clapham Common, S.
Dr. David Preston, Army and Navy Club, Pall Mall, S.W.
Miss Emily Ricardo, 50, Grosvenor Place, S.W.
Abraham Geo. Robarts, Esq., St Leonard's Hill, Windsor.
William Scott, Esq., Union Club, W.C.
Mr. John Salter, Versailles Nursery, Hammersmith, W.
H. W. Segelcke, Esq., Elfindale Lodge, Herne Hill, S.
Colonel Sidley, 3, The Grove Crescent, Camberwell, S.
Major-General Sir S. W. Steel, K.C.B., 19, Cork Street, W.
Edward D. Verner, Esq., 127, Piccadilly, W.
Mrs. H. B. Ward, Brooklands, Havant, Hants.
The Lady Horatia Wardlaw, 37, Prince's Gate, S.W.
Edward Warwick, Esq., 14, Vicarage Gardens, Campden Hill, W.
Mrs. E. Warwick, 124, Regent Street, W.
Sidney H. Waterlow, Esq., Highgate, N.
Mrs. L. Wight, Lake House, Cheltenham.
Mrs. Brownlow Wynne, Garthewin, near Abergele, Denbighshire.

XXX.—GARDEN SUPERINTENDENT'S REPORT TO THE COUNCIL.

16th April, 1860.

SIR,—In obedience to my instructions, I beg to hand you the following report for the information of the Council:—

Since my last report, we have had several presents of plants, from the principal Nurserymen in the neighbourhood of London;

consisting of Achimenes, Begonias, Pelargoniums, Petunias, Fuchsias, Verbenas, Geraniums, and Azaleas; all of which, excepting the Azaleas, are for trial; and will be brought in due time before the Floral Committee. I have also sown upwards of 300 kinds of Annuals in pots, to be eventually planted out in the Experimental Flower Garden, for the purpose of having their merits tested by the Committee.

The plants for ballot have been selected, and are ready for distribution, and lists of them have been prepared and sent to the Secretary.

The Vines in the houses have all commenced growing, and are in different stages of development. The Vines in pots have set their fruit, and are swelling; those in the conservatory are breaking well and showing abundance of fruit. The curvilinear Vinery has been effectually heated, and the vines are breaking well; the two pits heated from the same boiler are filled, the one with Cucumbers, and the other with Strawberries in pots. I have about 2000 pots of Strawberries in the different houses in various stages of growth; some of these will soon have ripe fruit upon them.

The Peach trees in the house have done very well; they have set a nice crop of fruit, which are now beginning to swell.

In the out-door Department I have made a new Cherry and Plum Garden, each containing upwards of 100 varieties, which have been selected by Mr. Hogg; and I am preparing a piece of ground for replanting the collection of Strawberries.

The wall trees have bloomed well, and as the blossoms are protected by Shaw's Tiffany, I have reason to hope we shall have a good crop of fruit.

All the fruit trees in the orchard have been pruned, and the ground for the most part has been dug and cropped.

The Peas for trial in the Kitchen Garden are now about one inch above the ground, and are looking well.

I have sown about 70 kinds of Broccoli, and a number of Borecoles for trial; some of these seeds have been supplied from the continent.

I have the honour to be,

GEORGE EYLES.

To DR. LINDLEY, *Secretary*.

[The following list of PRESENTS TO THE GARDEN since April, 1859, includes those mentioned in the foregoing report:—]

Miss ABERCROMBY—7 sorts of Seeds from Chittagong.

Messrs. ADAMS & Co., Acton Green—Plants of 25 sorts of Peaches, 15 Nectarines, 6 Plums, 5 Cherries.

Mr. WILLIAM BARNES, F.H.S., Camden Nursery, Camberwell—60 green-house Azaleas.

Messrs. BATT, RUTLEY & SILVERLOCK, 412, Strand—Seeds of 12 sorts of Broccoli, 3 Peas, 4 Cucumbers.

Messrs. BUTLER & McCULLOCH, South Row, Covent Garden—88 sorts of Vegetable seeds.

Messrs. CARTER & Co., 237-8, High Holborn—245 sorts of Flower seeds, and 42 sorts of Vegetable seeds.

Messrs. CHARLWOOD & CUMMINS, Tavistock Row, Covent Garden—33 sorts of Vegetable seeds.

Mr. CHATER, Saffron Walden, Essex—48 Varieties of Hollyhocks.

Captain TREVOR CLARKE, F.H.S.—Seeds of a hybrid Melon, between the Common and the Water Melon.

Mr. COCK, F.H.S., Chiswick—Seeds of true Brussels Sprouts, and a late Broccoli.

Mr. CULVERWELL, Thorpe Perrow—A Seedling Strawberry.

Mr. CUTHILL, of Camberwell—Seeds of 3 sorts of Cucumbers, 1 Melon, and 1 Celery.

Mr. DEAN, Bradford, Yorkshire—Seeds of a variety of Cucumber.

Mr. JAMES DICKSON, 23, Market Place, Manchester—Seeds of 2 sorts of Cucumbers.

C. W. DILKE, Esq., V.P.H.S.—Seeds of Loquat.

Messrs. DILLISTONE & Co.—2 sorts of Vegetable seeds.

Messrs. DONALD & SONS, Woking—3 Vines, 6 Peaches, 6 Cherries, 2 Plums, 2 Apricots.

Sir PHILIP EGERTON, Bart., F.H.S.—4 sorts of Melon seeds.

Dr. W. T. FEAY, Savannah, Georgia, U.S.—30 kinds of Seeds.

Mr. FORTUNE—Walnuts from the Province of Chikian.

Mr. G. W. FRANCIS, Botanic Garden, Adelaide—Seeds of Silphiospermum variabile and of Eucalyptus globosa.

Messrs. FRASER, Lea Bridge Road—12 sorts of Plum-trees, 4 Cherry-trees, and 11 varieties of Vegetable seeds.

Messrs. FRASER, RICHARDSON & GOAD—11 varieties of Vegetables.

Messrs. GARAWAY, MAYES & Co., Bristol—4 sorts of Vines, 6 Plums, 2 Apples, 1 Peach, 1 Apricot, and 29 Currants.

Mr. GLENDINNING, F.H.S., Chiswick—Plants of 2 sorts of Apples, 4 Pears, 13 Plums, 5 Cherries, 1 Vine.

Messrs. E. G. HENDERSON & SON, Wellington Road—24 varieties of ornamental Gourds, 117 kinds of Flower seeds, and a large collection of Plants for trial.

The late Professor HENFREY—12 sorts of Seeds from the Himalayas, and 3 sorts from Australia.

Mrs. HENFREY—3 sorts of Seeds from Natal.

Sir ROBERT HERON, Bart.—Cuttings of 3 sorts of Apples.

Mr. ROBERT HOGG, F.H.S.—115 new varieties of Pear-trees in a bearing state, 24 sorts of Apple-trees, 7 Plums, 1 Vine.

Messrs. HOGG & WOOD, Coldstream—2 sorts of Cherries.

Messrs. HURST & McMULLEN, 6, Leadenhall Street—27 sorts of Vegetable seeds.

Messrs. IVERY & SON, Dorking—12 sorts of Azaleas, and 3 sorts of Vegetable seeds.

Mr. WM. IVERY, Peckham—2 sorts of Vegetable seeds.

Messrs. JACKMAN & SON, Woking—3 Nectarine, 2 Apricot, 4 Cherry, and 5 Plum trees, of different varieties.

Messrs. LANE & SONS, Great Berkhampstead—Plants of 1 Vine and 2 Cherries.

Messrs. LEE, of Hammersmith—9 sorts of Cherries, 15 Plums, and 6 Vines; seeds of new White Sprouting Broccoli.

M. LINDEN, of Brussels—Nephelaphyllum pulchrum.

Messrs. HUGH LOW & Co.—plants of 15 sorts of Cherries, 2 Plums, 7 Peaches, 1 Nectarine; 34 Pelargoniums, 13 Verbenas, 25 Fuchsias, 12 Begonias, 16 Achimenes, 13 Tydæas, 6 Bouvardias, 14 Petunias, 9 Lobelias, 9 Heliotropes.

ALEXANDER MACLEAY, Esq.—80 sorts of New Holland Seeds.

A. W. MACTIER, F.H.S.—Seeds of 22 sorts of Trees and Shrubs from Simla.

Messrs. MASTERS & SON, Canterbury—Viridissima Cucumber.

Messrs. MILNE & Co., Vauxhall—6 Vines, 1 Fig, 1 Currant.

Messrs. MINIER & Co.—Seeds of 2 sorts of Cucumbers.

Mr. MOORE, F.H.S.—2 sorts of Vines, 10 Cucumbers.

Mr. G. MONRO, St. Albans—1 sort of Cucumber.

Dr. MÜELLER, Botanic Garden, Melbourne—568 packets of seeds of New Holland Plants.

Mr. JOHN NEWTON, Enfield Chase—6 sorts of Rhubarb.

Mr. NICHOLSON, Egglescliffe—32 varieties of Strawberries.

Messrs. NUTTING & SON, 60, Barbican—6 sorts of Peas, 2 of Kidney Beans.

Messrs. Osborn & Sons, Fulham—Plants of 10 sorts of Cherries, 12 Plums, and 10 Vines.

Messrs. Parker & Williams—12 Fuchsias, 4 Bouvardias, 6 Petunias, 5 Achimenes &c., 12 sorts of annuals.

Mr. E. Persac, Exeter—Seeds of White Branching Broccoli.

Mr. R. Pitkethley—Flower Seeds from Wisconsin.

Mr. Rivers, F.H.S., Sawbridgeworth—Plants of 19 sorts of Cherries, 22 Plums, 21 Raspberries.

Mr. Rogers, Clock House, Chelsea—Seeds of a Cucumber.

Mr. John Sangster, Feltham—5 sorts of Potatoes.

Mr. Seeley, Artificial Stone Manufacturer, New Road—Specimens of Composition Garden Edgings.

Société Impériale et Centrale d'Horticulture du Département de la Seine Inférieure—Cuttings of 23 sorts of Pears.

Mr. C. Southby, Clapham—2 sorts of Cucumbers, and 2 Melons.

Mr. Spary, F.H.S.—A Sulphurator.

Mr. Stewart, Chatsworth—3 sorts of Vines.

Messrs. Sutton & Sons, Reading—21 varieties of Vegetables.

Mr. Taylor, Shrubland Park—30 varieties of Bedding Geraniums.

Dr. Thomson, Botanic Garden, Calcutta—Seeds of 46 sorts of Himalayan Trees and Shrubs.

Mr. Thompson, Ipswich—33 sorts of Flower Seeds.

Mr. Tiley, Bath—Seeds of 4 sorts of Cucumbers.

Mr. Turner, F.H.S., Slough—62 varieties of Pelargoniums, 42 sorts of Flower Seeds, 51 sorts of Vegetable Seeds, and 12 sorts of Fruit trees.

M. Louis Van Houtte, F.H.S., Ghent—25 sorts of Achimenes, and 30 sorts of Flower Seeds.

Mr. J. Veitch, Jun., F.H.S., Chelsea—34 sorts of Achimenes, 10 Tydæas, 22 Begonias, 104 sorts of Flower Seeds, 22 sorts of Vegetable Seeds, 26 sorts of Fruit Trees.

Messrs. Veitch & Son, Exeter—14 sorts of Fruit Trees.

M. Vilmorin, Paris—48 varieties of Haricots, 7 sorts of Peas, 29 kinds of other vegetables, and 12 sorts of Flower Seeds.

Mr. E. Wild, Ipswich—Seeds of 2 Cucumbers, 1 Melon.

Sir Gardner Wilkinson—Seeds of the "Koomba."

Messrs. Wood & Ingram, Huntingdon—7 sorts of Cucumbers.

XXXI.—ANNIVERSARY MEETING, MAY 1, 1860.

THE Anniversary Meeting of the Society for the election of new members of Council, and Officers for the ensuing year, took place on Tuesday, May 1st, in the Lecture Theatre of the Museum of Science and Art, Kensington Gore, by permission of the Right Hon. the Lord President of the Council. The Right Hon. the Earl of DUCIE in the chair.

C. B. WARNER, ESQ., of Hoddesdon, and MR. INGRAM, of the Royal Gardens, Frogmore, having been named scrutineers of the approaching ballot, the SECRETARY proceeded to read the following Annual Report:—

REPORT FROM THE COUNCIL.

WHEN the Society last assembled on an occasion of the present kind, it was the unpleasant duty of the Council to announce that their attempts at improving the financial position of the Society had been attended by no success. They had to report an income, which, though reviving, was still so inadequate that the liabilities had increased within the year by above 600*l.*, and that the necessity of selling the house in Regent Street, and all that it contained, in order to reduce the debt bearing interest, which in the beginning of 1859 amounted to nearly 8000*l.*, exclusive of above 2700*l.* of simple contract debts, had become urgent. Such being the result of the most strenuous efforts on the part of the Council to revive the Society, it became evident that retrenchment in every direction had become so inevitable, that it was proposed to bring the expenditure down if possible to 1800*l.* a-year, of which Chiswick was to receive 1300*l.*: and if this has not been wholly effected, it has been because the sudden alteration in the prospects of the Society rendered it indispensable to engage in expenses which would have been needless had circumstances remained as they were.

Great retrenchment in a public body was, moreover, too dangerous a course to be permanently adopted. It could only be effected by inaction. The income at the disposal of the Council was placed in their hands for the purpose of actively promoting the interests of the Fellows, and was not likely to be maintained unless that purpose, which was incompatible with excessive economy, was fulfilled.

The Council, therefore, while reducing expenditure in every direction as a temporary expedient, anxiously occupied themselves with the task of discovering in what way the income of the Society might be so increased as to enable them again to venture upon measures more conducive to its general interests. A Garden accessible without trouble or expense, in which the progress of Horticulture should be shown, not merely by what it might itself contain, but by the results of the advancing skill of others exhibited within it, was clearly indispensable. The time had passed when monthly meetings in a small room in a London street would satisfy the expectations of the public. It was necessary to exhibit gardening on a great scale, and on its own ground. The Garden at Chiswick was no longer able to supply that want. Inaccessibility, according to modern notions, and original faults of construction, had rendered it useless for exhibition purposes, and a large annual pecuniary loss. Nevertheless the principal income of the Society from the year 1832 had been derived from Chiswick, either directly or indirectly, and the Council felt persuaded that if some other garden, more favourably placed, and constructed with all the advantages of modern skill, could be obtained, the utility and prosperity of the Society would rise higher than ever.

While endeavouring to find a site near London fit for this purpose, the Council learned that Her Majesty's Commissioners for the Exhibition of 1851 were contemplating the appropriation of the central part of their land at South Kensington as a Garden, to be surrounded by Italian arcades. On this becoming known, application was immediately made for the part so enclosed to be used by the Society as a Town Garden for shows and promenades. His Royal Highness the Prince Consort supported the application as President of the Society; and at a meeting held at Buckingham Palace on the 27th June, the Prince announced to the Council that Her Majesty's Commissioners were ready to grant a lease of 20 acres at Kensington Gore upon certain conditions, the more important of which were the following:—

The Commissioners to expend 50,000*l.* upon a highly decorated Italian Arcade, and certain costly earthworks required as the foundation of a Garden.

The Commissioners to claim no rent until the expenses of the Society—which include interest upon money borrowed—shall have been defrayed; all income beyond such expenses to be

apportioned in the manner following; that is to say, interest to be paid by the Society on the 50,000*l.* borrowed by the Commissioners, and then, as rent, one moiety of any surplus that may have arisen during each year.

The Commissioners to grant the Society a lease of the land for 31 years.

The amount of annual expenditure, and the mode of general management to be determined by a joint Committee consisting of Six Members, of whom Three shall be named by the Commissioners.

The Society to lay out a sum equal to that of the Commissioners in the formation of the Garden, one feature of which would be a Conservatory or Winter Garden of considerable extent; and also to provide reasonable facilities for the admission of the public at a low price.

The Council could not but feel that such an offer was deserving the favourable consideration of the Society, and they were of opinion that the income to be expected from a place of such magnificence, in the finest situation near London, would justify the acceptance of the terms, if not in their integrity at least in some modified form.

They also learned with the highest satisfaction that The Queen had been graciously pleased to signify Her Majesty's intention to contribute to the fund that would have to be raised for carrying out the works. The Prince Consort having moreover authorised the Council to state that his Royal Highness took the warmest interest in the arrangement, a general meeting of the Society was held on the 7th July in the rooms of the Society of Arts, when certain tentative sketches for the Garden, and the propositions of Her Majesty's Commissioners were submitted to the Fellows for approval.

A large number of Fellows assembled on this occasion, the Earl of Ducie, V.P., taking the chair, when the correspondence with the Royal Commissioners was read, the general scheme of the Garden described, and the manner in which the Council contemplated the possibility of raising the sum of 50,000*l.* pointed out. In the course of their report to the meeting the Council showed how great were the advantages of the site proposed. The Garden would be in the immediate neighbourhood of Hyde Park and Kensington Gardens, and in the very centre of a new and rapidly rising town of first-class houses, which bids fair to become one of the most popular and fashionable districts in London.

The shape and situation of the ground which slopes gradually from the North to the South, admitted of the formation of successive terraces on different levels, affording peculiar facilities for effective and ornamental treatment, and was well adapted for the display of sculpture; while a fine Conservatory at the upper end, and a Colonnade extending round it, would afford a promenade of three-quarters of a mile in length, sheltered from heat and cold, wind and wet. The Colonnade would also offer peculiar facilities for the display of Flowers and Fruit on occasions of bad weather, a misfortune which so frequently marred the Chiswick Fêtes.

As to the mode of raising 50,000*l.* the Council believed that it might be effected by the issue of a certain number of Life Memberships; but as the success of the undertaking would in some measure depend upon the vigour with which it was prosecuted, and it was of importance that the works should not be delayed if once determined on, it would be requisite to obtain the money immediately required for the progress of the works by the issue of debentures, bearing interest at five per cent., to be redeemed as the receipts from Life Memberships became available. Donations in aid of the undertaking would at the same time be thankfully accepted by the Council, and they would be prepared to extend to the donors of sums exceeding Twenty Guineas, privileges similar to those possessed by members.

After a long and animated discussion, it was finally resolved—

"That the meeting generally approved of the plan of gardens at Kensington Gore, and requested the Council to continue their negotiations with the Royal Commissioners, reporting as early as possible to the Fellows of the Society the final proposal of the Commissioners."

This resolution having passed, a letter was placed in the hands of the noble Chairman from Colonel the Honourable Sir C. B. Phipps, her Majesty's private Treasurer, containing the following important communication:—

"BUCKINGHAM PALACE, *July* 7, 1859.

"MY LORD,

"I have received the commands of her Majesty the Queen, and of his Royal Highness the Prince Consort, to inform you that in the event of the plan being carried out for the establishment of the Garden of the Horticultural Society of London upon the estate at South Kensington, belonging to the Royal Commissioners of the Exhibition of 1851, it is the intention of her Majesty and of his Royal Highness to make donations towards the execution of this undertaking of one thousand pounds (1000*l.*), and five hundred pounds (500*l.*) respectively. It is also the intention of her Majesty, should it be in accordance with the rules of the Society that parents or guardians should purchase Life Memberships for children or persons not yet of age, to place the name of his Royal Highness the Prince of Wales and the younger Princes and Princesses upon the list of Life Members. I have further the pleasure of informing your Lordship that I am authorised by her Royal Highness the Princess Frederic William of Prussia,

Princess Royal of England, to announce the intention of her Royal Highness to become likewise a Life Member.—I have the honour to be, my Lord, your Lordship's most obedient humble servant,

"The Earl of Ducie, &c. &c. "C. B. PHIPPS."

Immediately afterwards, Mr. Dilke announced that H.R.H. had further commanded him to say that should the meeting decide on raising money by debentures, The Prince would take debentures to the amount of 1000*l.*

It is almost needless to add that this most interesting intelligence was received by the Society with feelings of the deepest gratitude.

The Council having renewed their correspondence with the Royal Commissioners for the purpose of obtaining a reconsideration of the points which, in the opinion of the meeting, demanded some alteration, a second general meeting assembled on the 20th July. The Council then explained what progress had been made in the negotiations. The Commissioners had agreed to add to the arrangements with the Society stipulations to the following effect:—Upon the Society giving two years' notice previous to the expiration of the lease the lease to be renewed for a further period of 31 years upon the same condition as to rent, &c., as already proposed. The Commissioners, however, to reserve to themselves a power to decline to renew the lease, in which case they would take upon themselves the responsibility of any Debentures that might be outstanding at the expiration of 31 years, to any extent not exceeding a *maximum* of 20,000*l.* But the Commissioners required the Society to devote in each year not less than 50 per cent. of their surplus balance to paying off outstanding Debentures. And in the event of the Society being unable for any five consecutive years to pay interest on the 50,000*l.* to be borrowed by the Commissioners, then the Commissioners to have the right of re-entry without any payment of compensation.

On this occasion the two following resolutions closed the debate:—

"That this meeting approves of the steps already taken by the Council, authorises the negotiations with the Royal Commissioners to be continued, and empowers the Council to proceed to raise the sum required for the construction of a Garden at Kensington Gore, and if the money shall be obtained to complete the arrangements."

"That the Council be instructed not to accept the clause about re-entry in case of failing to pay interest for five years, and that in the event of the Commissioners cancelling the lease, an equitable adjustment of mutual interests be made."

Armed with this authority, the Council have unremittingly pressed forward their negotiations with the Commissioners, and

although the terms of agreement are not finally settled, yet the Council can now state that they have arrived very nearly at a conclusion, which, in their opinion, will be found to secure a satisfactory as well as "equitable adjustment of mutual interests."

The support which the Council have received in their attempt to raise the 50,000*l.* required has been of the most gratifying nature, and shows with what interest the public looks upon the attempt to bring Horticulture to the very gates of the metropolis.

The Donations announced amount to the sum of 1974*l.*

Six hundred and one new Fellows have joined the Society since the beginning of the year.

The sum of 39,900*l.* has been offered the Council on the security of the Society's debentures; and in addition, application has been made for 8000*l.* more, since the Debenture list was closed. The names of the new applicants are placed in a reserved list, in order that they may have the opportunity of being provided for should any of the first subscribers be willing to reduce the amount of their subscriptions.

From this it appears that the sum of about 62,000*l.* has been placed at the command of the Council for the execution of the works in the new Garden. But the Council trust that no outlay beyond the stipulated 50,000*l.* will be needed.

As soon as it had been ascertained that the funds required would be provided, measures were taken for settling the plan of the Garden. Mr. Nesfield, whose knowledge of the principles and practice of geometrical garden designs, ranks among the highest in Europe, was intrusted with this operation. Many meetings of a Sub-committee of the Council, and of the Council itself with Mr. Nesfield, to determine on general principles, were held by Command of the Prince Consort, at which H.R. Highness presided, and the Council can now refer to the detailed design itself, which is before the meeting. While this has been proceeding the Arcades have been very fully considered by the Chief Officers of the Department of Science and Art, where we are now assembled, by the special permission of the Lord President of the Council, and specimens of what it is intended to construct are at hand, where any Fellows of the Society can inspect them.

The Garden itself is at present in the earliest stage of construction. The heavy preliminary earthworks and the arterial drainage are nearly completed. Mr. Eyles, who has been appointed the Garden Superintendent, is prepared to push

forward the Society's part of the execution with the utmost possible speed, and measures have been already taken to admit Fellows and their friends to inspect the progress of the works.

The object of first necessity in connection with the Garden was an office and general entrance to the ground, where the business of the Society could be carried on, and the meetings, whether monthly, or those for exhibitions of the Floral and Fruit Committees, could be held in a manner worthy of the Society. A single room in a small house near Trafalgar Square was obviously altogether unsuited to any purpose of the Society in its new position. Plans of such a building to form the principal entrance to the Garden, prepared by Captain Fowke, R.E., have been accepted, and the building is now rising rapidly. From the plans and elevations suspended in an adjoining room, the Society will be able to see how beautiful an edifice this will become. And here the Council desire to give public expression to their sense of the very valuable assistance that has been rendered the Society by that most intelligent officer; with whom they must also associate Mr. Henry Cole, C.B., and Mr. Redgrave, R.A., the two principal officers of the Department of Science and Art.

The arrangements for the great Conservatory demand such long and serious consideration, that no report can as yet be made on that subject; but the Council are promised the detailed plans and specifications by the 10th May; and they hope and believe that in the absence of unforeseen obstacles, the Garden will be for the most part completed by Midsummer in next year.

The Council have always expected that works of high art, suitable to garden embellishment, would be offered to the Society as soon as it was known that a place worthy of them was ready to receive them. That expectation has already begun to be realised. A group of sculpture, commemorative of the Great Exhibition of 1851, and costing above 6000*l*., has been most liberally placed at the disposal of the Society by the Committee entrusted with its execution, and will form a noble object at the head of the great basin on the upper level of the Garden, the Society having only to pay for such alterations as are necessary in order to make it harmonise with the surrounding objects.

An account of the money received and expended on the Kensington Gore account, up to the 31st of March, will be found in the Appendix.

From Kensington the Council turn to Chiswick and the

ordinary working of the Society. It has now been finally settled that Chiswick, although no more to be the scene of brilliant exhibitions and agreeable promenades, shall be maintained for the purpose of experimental cultivation, and of rearing plants both for Kensington and for distribution among the Fellows. In consequence of the forced economy of the Council it had fallen into decay; but under Mr. Eyles' superintendence it has already so greatly revived, that the Council are now able to say that it deserves a visit from all interested in the progress of practical gardening. Large additions have been made to the collections of fruit trees, spaces vacant and unprofitable have been filled with them, new cherry and plum gardens, each containing upwards of 100 varieties, have been formed; all the known sorts of strawberry have been brought together for comparison; and the great Conservatory, now containing the largest collection of vines in Great Britain, is preparing to be loaded with a noble crop of fruit. Kitchen garden produce is being dealt with in the same spirit; for example, preparation is made, among other things, for proving a very large number of so-called varieties of cucumbers, peas, and other esculents. In carrying out this work the Society is greatly indebted to the nurserymen and seedsmen who have liberally contributed seeds and plants, and to Mr. R. Hogg, now the Secretary of the Fruit and Vegetable Committee, who has presented his entire private collection of pear trees to the Garden.

Nor are flowers to be neglected; numerous varieties of which, annual, perennial, and shrubby, hardy and tender, have been contributed by the trade for examination by the Floral Committee.

A considerable number of plants has been provided for ballot in May, June, and July; and a much more extensive collection is coming forward, although at present too young for the purpose. But the Council feel that no provision for this purpose will be satisfactory until the Society shall once more import its own supplies; and they are only waiting to find a collector who can be depended upon before despatching him to some rich and uninvestigated country.

Some years ago the noble Duke, who so long presided over the Society, and from whom the Garden is held, most liberally reduced the rent from 300*l.* to 200*l.* a year, until the Society should again be in a condition to pay the full rent. Acting in the same munificent spirit, the Dowager Countess of Granville,

who has succeeded to the estate since the decease of the Duke of Devonshire, has also relinquished her claim to more than 200*l.* a year till March 25, 1861. The Council feel that this important aid to the finances of the Society calls for the warmest acknowledgment.

They have also the satisfaction to report that the income from the sale of produce at the Garden was last year considerably increased, notwithstanding the almost total destruction of out-door fruits by spring frosts. In 1857–8 it amounted to 142*l.* 18*s.* 3*d.*; in 1858–9, to 190*l.* 10*s.*; and last year it rose to 292*l.* 13*s.* 8*d.*

In the course of the year the Flower and Fruit Committees have been re-constructed and placed upon a more active footing, Mr. Thomas Moore having been appointed Secretary of the former, and Mr. Robert Hogg of the latter. Their operations having been recorded in the Monthly "Proceedings" of the Society, sent free to all Fellows, require no comment. The Secretaries have laboured earnestly to do all that has been practicable under the circumstances; but until a proper place of meeting and exhibition shall have been provided at Kensington, it will be impossible to render them as efficient as they must be when suitable accommodation shall have been found.

With regard to the monthly issue of what are called "Proceedings," it is obvious that it can only be regarded as a temporary expedient to furnish the Fellows with periodical accounts of the progress of the Society. The Council contemplate giving it a new and very different form as soon as the numerous other subjects that press upon their attention will permit them to consider its future plan.

The present state of the accounts of the Society will be found in the Appendix, and the Council trust that they will be regarded as satisfactory, when it is seen that the entire debt, everything of every kind included, which on the 31st of March last year stood at 10,752*l.*, is now represented by the comparatively small sum of 4,296*l.*

Liabilities so small as these have ceased to have any significance, and the Council entertain the confident belief that the Society is now entering upon a career of utility and prosperity such as it has never before experienced.

The Report having been read, it was moved by Mr. John Claremont Whiteman, of Theydon Garnon, and seconded by Sir Philip De Malpas Grey Egerton, Bart., M.P., that it be received and adopted; which resolution was carried unanimously.

In reference to a passage in the foregoing Report (p. 186), Mr. C. Wentworth Dilke, explained that it should be borne in mind that the 50,000*l.* which the Society was bound to expend on the new Garden, did not include furniture, fittings, tents, or other moveables; and that therefore there would be some additional outlay on that account.

The Treasurer stated that all monies received by the Society on the Kensington Gore account were invested in Government securities so as to yield interest in aid of that payable upon Debentures.

The Chairman then announced that H. R. H. the Prince Consort had been unanimously re-elected President; W. Wilson Saunders, Treasurer; and Prof. Lindley, Secretary; and that Henry T. Hope, of the Deepdene, near Dorking; Henry Pownall, of 63, Russell Square; and Robert Wrench, of London Bridge, had been unanimously elected new Members of Council, in the room of Col. Challoner, H. G. Bohn, and J. R. Scott, removed; also, that Jonathan Clark, Edward Rosher, and Mr. George Paul, had been elected Auditors for the ensuing year.

The drawings, and a model of the various parts of the new Garden; the tentative sketches alluded to in the Report; the patterns of colonnades as prepared by the Royal Commissioners; and the ground works in the Garden itself, were afterwards inspected by the Fellows.

HORTICULTURAL SOCIETY OF LONDON.

Dr. RECEIPTS, PAYMENTS, AND LIABILITIES, FROM THE 31ST OF MARCH, 1859, TO THE 31ST OF MARCH, 1860. *Cr.*

RECEIPTS.	£ s. d.	£ s. d.
To Balance at the Bankers', 31st March, 1859	136 8 6	
do. with Assistant-Secretary	23 15 8	
		160 4 2
To compositions for life from Fellows	741 6 0	
To annual subscriptions	2375 2 0	
To admission fees	189 0 0	
To Garden produce sold	292 18 8	
To receipts from Fellows for Garden charges	57 17 0	
To Exhibitions at St. James's Hall	91 1 9	
To miscellaneous receipts	45 4 9	
		3792 5 2
To Prize for Dioscorea Batatas given by Mr. James Cutbush, F.H.S.	.. ..	1 1 0
To sale of house in Regent St., including Furniture and Fixtures (£3061 4 6)		
To interest paid by the purchaser (9 18 6)		
	3071 3 0	
Less commission and expenses	177 0 6	
		2894 2 6
To sale of library (less certain books reserved for reference)	1112 1 6	
Less commission and expenses	118 4 6	
		993 17 0
To Loan from Kensington Gore Account (to be repaid with interest in 18 months)	.. ..	1000 0 0
		8841 9 10

Examined and found correct,
JAMES FRASER,
JONATHAN CLARK, } *Auditors.*
24th April, 1860.

PAYMENTS AND LIABILITIES.	£ s. d.	PAYMENTS. £ s. d.	LIABILITIES. £ s. d.
By interest on loan notes		127 5 1	18 18 4
By rent, rates, and taxes		177 11 7	192 10 0
By salaries and wages		364 9 0	.. .. ..
By printing, stationery, &c.		45 18 11	15 19 6
By cost of Monthly Journal		120 0 1	40 1 6
By miscellaneous office expenses		94 9 5	20 2 5
By Garden labour at Chiswick		805 4 11	.. .. ..
By implements, mats, seeds, &c.		32 15 8	10 7 9
By tan, dung, &c.		45 14 0	.. .. ..
By coals and coke for Garden		73 0 4	.. .. ..
By miscellaneous expenses at ditto		84 19 0	8 15 0
By Garden repairs		10 6 1	10 8 11
By distribution expenses		87 12 9	32 4 0
By Exhibition expenses		179 0 3	1 10 0
By postages, envelopes, &c.		41 11 5	0 14 8
By Floral Committee		75 2 4	3 12 0
By Fruit Committee		108 17 0	1 7 6
		2473 17 10	356 11 7
By outstanding accounts, April 1, 1859, £2258 9 10, minus £715 9 9, amount considered as lapsed to the Society	£1543 0 1		
Add error in Liabilities, 1858	5 8 2		
Do. Bill, Proprietors of Gardeners' Chronicle, £123 16 0, less £27 0 6, included in Liabilities, 1859	96 15 6		
	£1645 3 9		
Deduct Charges on sale of House in Regent Street (included in above) (£86 18 0)			
Do. Discount allowed (do.) (7 12 9)			
Do. Presented to the Society by the Proprietors of Gardeners' Chronicle (being the amount of their Bills) (123 16 0)	218 6 9		
	1426 17 0	1425 13 0	1 4 0
By medals acct., outstanding, April 1, 1859, £593 15 6, minus £46 15 lapsed	£547 0 6		
Error in Account of 1858-9	8 8 6		
	555 9 0		
Prizes awarded since	77 15 0		
	633 4 0		
By Liabilities, 1858, paid off £516 11 6; By do. 1859, do. 77 15 0	.. .. ..	594 6 6	38 17 6
By loan notes paid off	£1000 0 0		
By Sir W. P. Call & Co., in discharge of loan	2900 0 0		
By W. Wilson Saunders, Esq., ditto	100 0 0		
		4000 0 0	3900 0 0
By Balance at Bankers'	£825 8 8		
By do. in Assistant-Secretary's hands	22 3 10		
		847 12 6	
		8841 9 10	4296 13 1

APPENDIX.—No. II.

THE HORTICULTURAL SOCIETY OF LONDON.—KENSINGTON GORE ACCOUNT.

RECEIPTS AND PAYMENTS FROM 27TH JUNE, 1859, TO THE 31ST MARCH, 1860.

Dr. *Cr.*

RECEIPTS.	£	s.	d.	£	s.	d.
To amount of Donations	292	12	0			
To ditto of Life Compositions . .	7,854	0	0			
To ditto received for Debentures .	6,700	0	0			
To ditto of Interest on Investments	179	14	2			
				15,026	6	2
				15,026	6	2

PAYMENTS.	£	s.	d.
By amount invested by Treasurer in Government Securities	11,417	14	11
By Salaries	62	10	0
By Printing and Stationery	201	3	6
By Sundry Payments on account of Formation .	266	7	7
	11,947	16	0
By Loan to General Account (to be repaid with interest in 18 months)	1,000	0	0
By Balance in the hands of the Bankers . . .	2,078	10	2
	15,026	6	2

Examined and found correct,

JAMES FRASER,
JONATHAN CLARK, } *Auditors.*

24th April, 1860.

APPENDIX.—No. III.

THE HORTICULTURAL SOCIETY'S BALANCE SHEET, MARCH 31ST, 1860.

Dr. | *Cr.*

LIABILITIES.	£	s.	d.	ASSETS.	£	s.	d.	£	s.	d.
				By Cash at Bankers	325	8	8			
To Loans	3900	0	0	By Ditto with Assistant Secretary . .	22	3	10			
To liabilities for outstanding accounts due by the Society	396	13	1					347	12	6
				By Subscriptions to May 1st, 1860, including arrears				1775	11	0
				By Balance against the Horticultural Society (exclusive of the property at Chiswick) . . .				2173	9	7
	4296	13	1					4296	13	1

Examined and found correct,

JAMES FRASER, } *Auditors.*
JONATHAN CLARK, }

24th April, 1860.

APPENDIX.—No. IV.

A RETURN OF THE INCOME AND EXPENDITURE OF THE HORTICULTURAL SOCIETY FOR THE YEAR 1859-60, AS COMPARED WITH THE YEARS 1857-8 AND 1858-9, EXCLUSIVE OF EXHIBITIONS.

Income.	1857-8.			1858-9.			1859-60.		
	£	s.	d.	£	s.	d.	£	s.	d.
Compositions for Life	—			—			741	6	0
Annual Subscriptions	1883	14	0	2322	12	0	2375	2	0
Admission Fees	—			—			189	0	0
Garden Produce sold	142	18	3	190	10	0	292	13	8
Receipts from Fellows for Garden Charges	17	9	6	19	9	0	57	17	0
Miscellaneous Receipts	10	11	7	3	13	1	45	4	9
Donations	33	10	0	18	0	0	1	1	0
Sundry Receipts for Rent of Apartments let off, &c., which source of income ceased in 1859-60	63	6	6	54	0	0	—		
Total	2151	9	10	2608	4	1	3702	4	5

Expenditure.	1857-8.			1858-9.			1859-60.		
	£	s.	d.	£	s.	d.	£	s.	d.
Interest on Loan Notes	269	1	5	281	8	2	146	3	5
Rent, Taxes, &c.	575	1	7	577	15	3	370	1	7
Salaries, Wages, and Collectors' Poundage	808	5	8	581	1	0	364	9	0
Printing, Stationery, &c	122	16	2	129	15	6	61	18	5
Miscellaneous Expenses in London	97	12	9	57	6	8	114	11	10
Ordinary Garden Labour	1126	5	3	1004	18	1	805	4	11
Extra Ditto	80	19	1						
Implements, Mats, Seeds, &c.	122	4	11	97	10	4	43	3	5
Manure, &c.	54	17	0	78	13	11	45	14	0
Coals and Coke for Garden	94	14	2	127	14	8	73	0	4
Miscellaneous Expenses at Garden	106	3	3	91	17	4	93	14	0
Garden Repairs	134	17	8	77	0	3	20	15	0
Distribution Expenses	131	1	0	36	16	4	119	16	9
Cost of Monthly Journal	—			—			160	1	7
Postages, Envelopes, &c.	—			—			42	6	1
Floral Committee	—			—			78	14	4
Fruit Committee	—			—			110	4	6
Sundry Payments for Repairs, Furniture, &c., which ceased in the year 1859-60	115	15	8	72	2	7	—		
Total	3839	15	7	3214	0	1	2649	19	2

Examined and found correct,

JAMES FRASER,
JONATHAN CLARK, } *Auditors.*

24th April, 1860.

LIST OF COUNCIL, OFFICERS, AND COMMITTEES, 1860-61.

COUNCIL.

President.—H.R.H. THE PRINCE CONSORT, K.G.

Vice-Presidents.

Right Hon. the Earl of Ducie, F.R.S.
Rev. Levison Vernon Harcourt.
John Jackson Blandy.
Charles Wentworth Dilke.

Treasurer.—William Wilson Saunders, F.R.S.

Secretary.—John Lindley, F.R.S.

John Clutton.
S. Holmes Godson.
John Lee.
James Veitch, Jun.
Charles Edmonds.
Henry T. Hope.
Henry Pownall.
Robert Wrench.

N.B.—H.R.H. the President, the Treasurer, and the Secretary, are *ex-officio* Members of all Committees.

AUDITORS.

Jonathan Clark. | Edward Rosher. | George Paul.

ASSISTANT-SECRETARY.

W. B. Booth.

FINANCE COMMITTEE.

Chairman.—S. Holmes Godson, F.H.S.

Henry Pownall, F.H.S. | Robert Wrench, F.H.S.

CHISWICK GARDEN COMMITTEE.

Chairman.—S. Holmes Godson, F.H.S.

C. Edmonds, F.H.S. | John Lee, F.H.S.
James Veitch, Jun. F.H.S.

FRUIT AND VEGETABLE COMMITTEE.

Chairman.—Rev. L. Vernon Harcourt, V.P.H.S., 29, Portland Place, W.

Vice-Chairmen.

Charles Edmonds, F.H.S., Chiswick, W.
T. J. Graham, Cranford, Hounslow.
Thomas Rivers, F.H.S., Sawbridgeworth, Herts.

Secretary (with a vote).—Robert Hogg, F.H.S.

H. G. Bohn, F.H.S., York Street, Covent Garden, W.C.
M. Busby, F.H.S., 27, Alfred Road, Westbourne Green, W.
G. Charlwood, F.H.S., Tavistock Row, Covent Garden, W.C.
John Clutton, F.H.S., Whitehall Place, S.W.
D. Cunningham, The Palace Gardens, Fulham, S.W.
George Eyles, Superintendent, Horticultural Society's Gardens, W.
Richard Frankum, F.H.S., Burlington Gardens, W.
James Fraser, F.H.S., Lea Bridge Road, N.E.
J. Bemerside Haig, Chapel Street, Belgrave Square, S.W.
William Hurst, F.H.S. (Hurst and McMullen), Leadenhall Street, E.C.
Thomas Ingram, F.H.S., Frogmore.
Joseph Jessop, Chiswick, W.
John Lee, F.H.S., The Vineyard, Hammersmith, W.
Samuel Mart, Holles Street, Cavendish Square, W.
Henry Miers, Boston Lane, Brentford, W.
John Milne, Wandsworth Road, Vauxhall, S.
Thomas Moore, F.H.S., Physic Garden, Chelsea, S.W.
John Newton, East Lodge, Enfield Chase, N.
J. Newton, Hatton, near Hounslow, W.
W. J. Nutting, F.H.S., 60, Barbican, E.C.
Robert Osborn, F.H.S., Fulham, S.W.
John Peel, Cambridge House Garden, Twickenham, S.W.
Alexander Scrutton, Blackheath Park, S.E.
C. W. Strickland, F.H.S., Hildenley, Malton.
Thomas Taylor (Webber & Co.), Covent Garden, W.C.
George Tillyard, F.H.S., The Priory, Stanmore, N.W.
Robert Thompson, Chiswick, W.
James Veitch, Jun., F.H.S., Exotic Nursery, King's Road, S.W.
J. B. Whiting, C.M.H.S., The Deepdene, Dorking.
John Wilmot, Isleworth, W.
Geore F. Wilson, F.H.S., Price's Candle Company, Vauxhall, S.
Robert Wrench, F.H.S., London Bridge, E.C.

FLORAL COMMITTEE.

Chairman.—J. J. Blandy, V.P.H.S., High Grove, Reading.

Vice-Chairmen.

James Bateman, F.H.S., Biddulph Grange, Congleton.
Rev. Joshua Dix, 29, St. Paul's Road, Camden Town, N.W.
E. Rosher, F.H.S., 23, Upper Hamilton Terrace, St. John's Wood, N.W.

Secretary (with a vote).—Thomas Moore, F.L.S., F.H.S., Chelsea.

S. Ainsworth, F.H.S., 238, High Holborn, W.C.
W. Barnes, F.H.S., Camden Nursery, Camberwell, S.
D. Beaton, F.H.S., Surbiton, S.W.
W. B. Booth, C.M.H.S., 8, St. Martin's Place, W.C.
Dr. Bushell, 20, Lower Kennington Lane, S.
J. Cook, 4, Rosedale Terrace, Notting Hill, W.
J. Cutbush, F.H.S., Highgate, N.
Rev. H. H. Dombrain, Deal.
George Eyles, Superintendent, Horticultural Society's Gardens, W.
John Fraser, Lea Bridge Road, N.E.
R. Headly, F.H.S., Stapleford, Cambridge.
Andrew Henderson, F.H.S., Wellington Road, St. John's Wood, N.W.
R. Hogg, F.H.S., 61, Winchester Street, Pimlico, S.W.
W. Holmes, Frampton Park Nursery, Hackney, N.E.
G. W. Hoyle, Reading.
J. Ivery, F.H.S., Dorking.
J. Keynes, F.H.S., Salisbury.
F. R. Kinghorn, Sheen Nursery, Richmond, S.W.
C. Lee, F.H.S., Hammersmith, W.
M. T. Masters, F.L.S., Lecturer on Botany at St. George's Hospital.
R. Parker, Paradise Nursery, Holloway, N.
A. Parsons, Danesbury Gardens, Welwyn.
W. Paul, F.H.S., Waltham Cross, N.
J. Salter, F.H.S., Versailles Nursery, Hammersmith, W.
Dr. Sankey, F.H.S., Hanwell, W.
G. Smith, Tollington Nursery, Hornsey Road, N.
J. Standish, F.H.S., Bagshot.
C. Turner, F.H.S., Slough.
H. J. Veitch, F.H.S., King's Road, Chelsea, S.W.
R. Warner, F.H.S., Broomfield, near Chelmsford.

IMPLEMENT COMMITTEE.

Chairman.—Colonel Challoner, F.H.S.

Sir Joseph Paxton, M.P., F.H.S.
B. T. Brandreth Gibbs, F.H.S.
Edward Easton.
James Veitch, Jun., F.H.S.

KENSINGTON GARDEN COMMITTEE.

Chairman.—John Clutton, F.H.S.

C. Wentworth Dilke, V.P.H.S.
Charles Edmonds, F.H.S.
Henry Pownall, F.H.S.
John Lee, F.H.S.
James Veitch, Jun., F.H.S.

KENSINGTON COMMITTEE OF SUPERINTENDENCE.

Chairman.—The Earl of Ducie, V.P.H.S.

C. Wentworth Dilke, V.P.H.S.
Henry T. Hope, F.H.S.
John Clutton, F.H.S.

XXXII.—NOTE ON THE HARDINESS OF CERTAIN PLANTS DISTRIBUTED BY THE SOCIETY.

Extract of a Letter to the Secretary from ARTHUR CURRIE, Esq., F.H.S., dated, High Elms, Watford, May 5, 1860.

"As it is now the end of a long and trying winter, it may be useful to collect reports as to the hardihood of the different plants lately distributed by the Society; and as I have several Conifers, I trouble you with this.

"I do not think that any Pinus that I have is really hurt, *P. Montezumæ* and *P. insignis* have both lost some shoots where *exposed to the wind.* All the Cypresses (except *C. funebris*) have more or less suffered under the same circumstances, especially *C. Udheana*, *Lambertiana*, and *thurifera.* Neither the *Cryptomeria*, nor *Taxodium*, have even lost their colour; but one of each, that was in a very sheltered situation, has lost its leaves, owing I suppose to the early frost in October.

"I had from the Society a short time (four or five years) ago, a Cypress 'from the hills of India,' but without name. It is a most beautiful plant. Can you tell me if it has been christened yet? [It is *Cupressus torulosa.*]

"The Deodar here seems hardier than the Larch, and grows quite as fast.

"I may as well state that I am at the end of the 'chalk range of hills' that come out of Bucks, just before the chalk dips into the London clay."

XXXIII. REPORTS OF THE FLORAL COMMITTEE.

(*Continued from p.* 174.)

April 26, 1860.—The REV. JOSHUA DIX *in the Chair.*

The plants and flowers exhibited on this occasion, were as follows:—

Pelargonium (*zonale*) **Aurora**:—from Mr. J. HALLY, of Blackheath. This variety, which was Commended on the 29th March (p. 169), was now again exhibited in a still better state, and was

awarded a FIRST-CLASS CERTIFICATE as a valuable decorative plant. It exhibited the same dwarf habit as on the previous occasion, as well as the same freeness in producing its flowers, a truss being developed with almost every leaf; the flowers were a bright salmon colour, large for the size of the plant, of good shape, and forming tolerable trusses; the leaves marked with a broad zone of dark brown within a narrow even edge of green.

Auricula Volunteer:—from Mr. TURNER, of Slough. This was a variety of vigorous growth, and bore fine trusses of deep mulberry-purple self-coloured flowers, which were large, bold, and flat, with a pure even and well-proportioned 'paste.' It was awarded a FIRST CLASS CERTIFICATE.

Tydæa formosa:—from Messrs. PARKER & WILLIAMS, of Holloway. This was COMMENDED as a handsome and improved variety. It was stated to have been the result of a cross between the varieties named *Princess Charlotte* and *Leopard*, and was free-flowering and comparatively dwarf in habit, as well as an almost continuous bloomer: the plant exhibited having been, it was stated, in a blooming state since last October. The leaves were ovate, moderate sized, hairy. The flower tubes were about an inch and a half long, very villous, ventricose below, crimson-scarlet, while the limb nearly as much in diameter, was deep lake or purplish-rose, elegantly and evenly spotted with crimson; several flowers were produced from the axils of each leaf, the pedicels becoming branched once or twice, and flowering in succession.

Cineraria Duke of Cambridge:—from Mr. TURNER. A dwarf free, compact-blooming, rich self-coloured variety, the flower-heads of a deep bright purplish-crimson, of moderate size, the florets being broad and even. COMMENDED as a useful addition to the class of crimson selfs.

Cineraria Constancy:—from Mr. TURNER. An elegant and showy variety, of diffuse branching habit, forming a spreading open mass of large, high-coloured, attractive flower-heads, the florets of which were deep rosy-purple in the upper half, the lower part white, forming a broad zone around the purple disc. COMMENDED as an effective kind for decorative purposes.

Variegated Pelargoniums:—from Messrs. E. G. HENDERSON & SON, of St. John's Wood. This was an interesting collection consisting of small plants of 10 silver and gold-edged, and 8 horse-shoe-leaved sorts; and a SPECIAL CERTIFICATE was given to them. The collection comprised:—**Sunset**, a new kind, with

flat leaves having a green slightly variegated centre, a distinct exterior zone of light orange-colour, which becomes brownish where the green breaks through in irregular points, and a yellow edge. Similar to this in general character, and perhaps still more effective, was **Aurantia coccinea**, in which the zone was of a deeper orange-red and well defined; while in **Golden Vase** and **Aurantia rubra**, the zone was fainter in colour. **The Queen's Favourite** was another new kind, distinct from the foregoing; its leaves were flattish, and had a straw-coloured edge, and a well defined zone of cerise-red exterior to the green centre which breaks through irregularly as in the other case. Resembling this, were—**Picturata**, with a well defined zone, and a marbled centre; and **Tricolor, Fontainbleau**, and **Hotel de Cluny**, slightly varying in the character of their markings: of the two latter, however, the last had the flowers bright scarlet, and the other deep rose-pink. **Silver Chain** had the leaves very convex, with a green marbled centre, and a creamy-white edge. In **Amy Robsart**, one of the dark horse-shoe kinds, the zone was well defined, dark brown in the older leaves, and light reddish-brown in the younger ones, the centre being of a yellow-green, marked with darker streaks, the margin of moderate width and dark green. **Baron Hügel**, and **Henry de Beaudot**, were horse-shoe varieties of coarser habit, the latter having rose-pink flowers, becoming paler at the edges.

Messrs. Henderson & Son also exhibited two pretty dwarf bulbous plants—*Triteleia uniflora*, with sweet-scented white flowers, and *Milla uniflora*, with similar flowers of a pale lilac; together with *Erythronium americanum*, and *Bomarea Salsilla*, the former with yellow, the latter with rose-coloured flowers, having a dark eye.

Auricula Prince Arthur:—from Mr. S. Triggs, of Islington. A dark purple self, too small as exhibited.

Pelargonium Judd's Rose Unique:—from Mr. D. Judd, gardener to the Rt. Hon. Earl Spencer, Althorp Park, Northamptonshire. This was one of the hybrid bedding class, and had been raised between *Unique* and an old cut-leaved sort, called *Bagshot Park Seedling*. The flowers were of a lively pinkish-rose, but had fallen to pieces; cut blooms only were sent. It was stated to be a free-blooming and attractive plant, but no opinion could be formed on the specimens exhibited.

Camellia marginata:—From Mr. Hally. This was sent as a good late-flowering seedling; the flowers were moderate-sized,

rather thin, with convex petals, lively rose-colour, and faintly scented, as in the variety *myrtifolia*.

INTERVAL.

MAY 5, 1860. The EARL of STAMFORD AND WARRINGTON, F.H.S., sent a young plant in flower of **Rhododendron Edgworthii.** It was stated to be a hybrid between *R. Gibsonii* and *R. Edgworthii;* but its habit and general appearance quite resembled the latter; the flowers—of which there were 5 in a truss—were of the full size of those of this species, and in consequence of the vigour of the plant, larger than they are sometimes seen, being rather more than three inches across, of a creamy-white, slightly tinged on the outside with pale rose; they were stated to be sweet scented, but at the time I examined them (about midday), I could not discover that they were so.

Along with the above were three flowers of **Rhododendron Nuttalii**—one of the largest flowering kinds that has yet been introduced, In this instance, the tube of each was nearly five inches deep, and the limb rather more than five inches across, of a rich cream colour and exceedingly handsome.—W. B. B.

[The flowers of the plant above referred to, were in the evening of the same day, deliciously fragrant, having a rich aromatic odour. It appeared to be a genuine **R. Edgworthii**, not at all affected by the cross.—T. M.]

May 10th.—The REV. JOSHUA DIX *in the Chair.*

The Secretary submitted the revised list of the Committee for the ensuing year, and the following amended Regulations, as approved by the Council :—

REGULATIONS.

I. The Floral Committee of the Horticultural Society has before it the following objects: To examine, and to report, upon the merits of such New Plants and Flowers of all kinds as may be submitted to its judgment, whether (1) imported species, (2) garden varieties intended for decorative purposes, or (3) florists' varieties; including, also, all new plants flowered in the Society's garden establishments.

II. These objects the Committee will carry out by holding meetings for the examination of flowers and plants, and by

publishing reports of its transactions as speedily as possible, in the "Proceedings" of the Society.

III. The necessary expenses incurred in carrying out these objects shall be defrayed from a fund provided by the Council, and placed at the free disposal of the Committee.

IV. The Committee will meet at the Society's rooms on the second and fourth Thursdays in the months of March, April, May, June, July, August, and September, and on the second Thursday in the months of January, February, October, November, and December, unless otherwise appointed. The chair to be taken at 1 P.M. Extra meetings may be held if necessary at the discretion of the Chairman and Secretary.

V. The business of the meetings shall be transacted in the manner and order following:—1. Minutes of previous Meeting read and confirmed; 2. Letters addressed to Chairman or Secretary, including notices of motion, read; 3. Motions of which notice has been given at a previous Meeting, considered; 4. New plants and flowers examined, and reported on.

VI. All persons, whether Fellows of the Society or not, are invited to send their NEW PLANTS AND FLOWERS for examination. A report of the several Meetings, containing an announcement of the awards made, to be sent to the respective exhibitors as soon as it appears in the Society's "Proceedings."

VII. All subjects for the consideration of the Committee are to be delivered free at the place of meeting, not later than 12 noon, on the respective meeting days; and all necessary particulars respecting them are to be forthwith communicated, in writing, to the Secretary.

NOTE.—The name and post address of the exhibitor; the name of the flower if a seedling; and that of the native country if an importation, will be considered essential particulars. Exhibitors are invited to communicate such further details of the origin or introduction or peculiarities of their plants or flowers, as they may think interesting for publication.

VIII. The merits of the subjects exhibited shall not be discussed or decided on in the presence of the owners, or interested exhibitors thereof.

IX. Sufficient examples of every subject exhibited, to enable the Committee to form a fair opinion of its qualities, are to be produced. In all practicable cases, the growing plant will be required.

X. The subjects of exhibition will be entered by the Secretary in the order in which the particulars mentioned under Rule VII

are furnished to him, and they will be examined by the Committee in the same order. Each kind will have to be separately entered. All Seedling flowers *must* be named, as a means of future recognition. If not named, they will be passed over.

NOTE.—Exhibitors of seedling florists' flowers, and others, will facilitate the working of the Committee by the production of specimens and collections of known varieties to serve as references, and for comparison with new flowers.

XI. Newly imported or other new species of plants, not florists' varieties, will have to be submitted to the botanical advisers of the Committee, that they may be correctly named.

NOTE.—Exhibitors of this class of plants will greatly facilitate the operations of the Committee by forwarding, whenever practicable, previous to the days of meeting, materials for this purpose; such materials to be sent to the Society's rooms, addressed to "The Botanical Advisers of the Floral Committee." If not so done, provision must be made for this object at the time of meeting.

XII. Honorary FIRST-CLASS CERTIFICATES and COMMENDATIONS will be awarded, at the discretion of the majority of the Members present, to such of the Novelties exhibited before them as may be thought deserving thereof. Other meritorious subjects will be rewarded by SPECIAL CERTIFICATES.

XIII. No award will be made to yearling seedlings of Cinerarias or Pelargoniums, nor any opinion passed upon their merits; but they may be exhibited for inspection.

XIV. All packages of plants or flowers must be delivered *carriage free*, and must be forwarded at the risk of the sender. The subjects, whether plants or cut flowers, will be delivered up at the close of the Meeting to the owners thereof, or to such persons as may be duly authorised to receive them. If left, it will be at the entire risk of the senders.

XV. The Committee will hold the power of examining with all necessary minuteness the subjects submitted for its opinion.

The following additional donations to the Experimental Floral Department, at Chiswick, since those reported on April 12th, were announced:—

Mr. WILLIAM BARNES, F.H.S., Camberwell—60 sorts of greenhouse Azaleas.

Messrs. CARTER & Co., Holborn—83 sorts of quilled, globe, pyramidal, bouquet, and other German Asters; and 63 sorts of Stocks. *2nd donation.*

Messrs. E. G. HENDERSON & SON, Wellington Road, St. John's Wood—25 sorts of Truffaut's China Asters; 75 Grasses, many of them ornamental kinds; Georgia Upland Cotton; also 18 sorts of Heliotropes, 38 new Verbenas, 18 Fuchsias, 72 Gloxinias, 39 Achimenes, 38 Begonias, 13 Tydæas; and a collection of Ornamental Gourds.

Mr. TAYLOR, Shrubland Park—30 varieties of Bedding Pelargoniums.

Messrs. PARKER & WILLIAMS, Holloway—17 sorts of Flower Seeds. *2nd donation.*

Messrs. BOWLER & WARD, Ipswich—10 new Verbenas.

The plants exhibited on this occasion were:—

Campylobotrys regalis (*Linden*):—from M. LINDEN, of Brussels. A small plant of an apparently free-growing species. The leaves were stalked, broadly-elliptic, narrowing both to the base and apex, the surface somewhat bullate but with a satiny lustre, bronzy green, the main rib and principal side veins of a pale grayish colour, producing an effective contrast. The plant was stated to be a native of Chiapas, and introduced by M. Linden. It was evidently a plant of very ornamental character, and was awarded a FIRST CLASS CERTIFICATE.

Campylobotrys smaragdina (*Linden*):—from M. LINDEN. This was apparently of dwarfer habit than the preceding, the leaves larger, oblong-obovate, sessile, of a satiny shaded green, the numerous principal side veins being sunk so as to produce a ridgy and somewhat bullate surface; the young leaves were tinged with brown. A plant of ornamental character; introduced from Chiapas by M. Linden. It was awarded a FIRST CLASS CERTIFICATE.

Asplenium myriophyllum:—from M. LINDEN. A dwarf-growing and extremely elegant Fern, introduced by M. LINDEN from Chiapas. The fronds were lance-shaped, about six inches long, tripinnate, the pinnules and segments singularly deflexed; the ultimate divisions were quite minute, oval, each bearing a single sorus. It was awarded a FIRST CLASS CERTIFICATE.

Theophrasta argyræa (*Linden*):—from M. LINDEN. This was stated to be a native of Brazil, and was regarded as an ornamental plant. It was quite unlike other known species of *Theophrasta*, but no conclusion as to its relationship could be formed from the small plant exhibited. The leaves were ovate, acuminate, coarsely and distantly serrated, green, with a broad

silvery central bar, the veins showing narrow silvery lines, and the recurved edge being also silvery. It was COMMENDED.

Maranta argyræa (*Linden*):—from M. LINDEN. This was one of the smaller narrow-leaved species, and was COMMENDED as a distinct plant of elegant character. The leaves were oblong-lanceolate, acute, palish green, with broad oblique grayish bands on the upper surface, and dull purplish beneath.

Microlepia hirsuta, *var.* **angusta** (*Moore*):—from Messrs. VEITCH & SON, of Chelsea. This was COMMENDED as a new Fern of graceful habit, and distinct from others in cultivation. The rhizome was creeping, upwards of a quarter of an inch in thickness, and clothed with black hair-like scales, half an inch long. The fronds were a foot and a half long, of herbaceous texture, hairy, pinnate, narrow, elongate-lanceolate, tapering down to the short stipes, the lower pinnæ being very much diminished; the pinnæ are oblong acuminate, regularly bipinnatifid, the larger segments being oblong obtuse, contiguous, but separated nearly to the base, decurrent behind, the smaller secondary ones ovate, subfalcate, toothed. It was introduced by Messrs. VEITCH from Borneo, where Mr. Lobb found it on damp trees, the locality being 1000 feet above the sea.

Of this class of subjects there were also exhibibited:—

Begonia Madame Linden:—from M. LINDEN. A Belgian hybrid, with smallish leaves four to five inches long, obliquely ovate, with obscure angulate lobes, the surface about the main veins being green, and the rest dotted over with close small silvery spots, which at a little distance from the ribs become so crowded as to cover the surface. It had a distinct and bright silvery appearance, but was decided to be not enough advanced for a decided opinion to be pronounced as to its merits.

Costus elegans:—from Messrs. VEITCH & SON. A soft, hairy, Tradescantia-like plant, growing about a foot high; the numerous stems bearing moderate-sized obovate hairy-surfaced leaves, pale beneath, and of two shades of green above, the larger proportion of the surface being yellowish green, with distant obscure blotches of a deeper shade ranged in oblique lines. It was a pretty free-growing stove plant, affording a nice variety in the ornamental-leaved class.

Messrs. VEITCH & SON also contributed a fine plant in bloom, of the curious and interesting rare Taccaceous plant, named *Ataccia cristata.*

Cattleya ianthina grandiflora:—from R. WARNER, Esq., of Broomfield. This was one of the larger-flowered varieties resembling *C. intermedia*, having pale blush purple sepals and petals, and a deep purple lip.

Caladium sp.:—from R. WARNER, Esq. The leaves of this were large cordate-sagittate, pointed, of a dark olive-green, the distant main ribs being of a pale or yellowish-green. It was not enough advanced to show its true character.

Myosotidium nobile:—from Mr. STANDISH, of Bagshot. This was a finely-grown and very ornamental plant, of the Forget-me-not of the Chatham Isles, having numerous flower stems. It was awarded a SPECIAL CERTIFICATE for its good cultivation. Mr. STANDISH had also some smaller plants in flower, showing it to be sufficiently free-blooming for decorative purposes in the early part of the year.

Weigela amabilis, *var.* **Groenewegeni**:—from Messrs. E. G. HENDERSON & SON, St. John's Wood. A variety in which the changeable pale rose flowers, are sometimes streaked with deep rose-red.

Hibbertia Reidii:—from Messrs. E. G. HENDERSON & SON. A dense growing, neat habited, greenhouse plant, having small linear obtuse leaves, and numerous bright yellow helianthemum-like flowers.

Messrs. HENDERSON & SON contributed, with the foregoing:—*Rehmannia chinensis*, a half hardy perennial, with curious dull pinkish long-tubed Scrophulariaceous flowers; *Cassia schinifolia*, a cool greenhouse plant, with elegant pinnate leaves, and deep orange yellow flowers produced freely on small plants: one of the dwarfest and freest blooming of the genus; *Sauromatum guttatum*, a stove tuberous Araceous plant, with curious dark brown spotted spathes; *Pteris tricolor*, the beautiful three-coloured Fern noticed at p. 163; and *Azalea* (hybrid) *Verschaffeltii*, a well known showy kind, with fine deep blush-coloured flowers, remarkable as being a hybrid between a Rhododendron and an Indian Azalea.

In the class of Florists' Flowers there were many interesting objects exhibited:—

Azalea President:—from Mr. F. R. KINGHORN, of Shoen Nursery, Richmond. The flowers of this variety were remarkably large and smooth, of excellent form, a deep salmon-red, with the upper segments finely spotted with deep red. It was con-

sidered as a much improved variety resembling Duke of Devonshire, and was awarded a First Class Certificate.

Auricula, Richmond's North Star:—from Mr. C. Turner, of Slough. Awarded a First Class Certificate, as a fine violet-purple self, of good properties. The foliage was serrated, mealy; the flowers extremely pleasing in colour and elegant in appearance, of tolerable outline, clear violet purple, with a pure white ring or paste.

There were also exhibited of this class of subjects:—

Fancy Pelargoniums:—from Mr. C. Turner: **Agnes,** rosy lake with slight edge of white, and whitish centre. **Arabella Goddard,** light rosy lake with white edge, and well-defined white throat, fine lower petals. **Madame Sainton Dolby,** bright rose, fine smooth upper petals, white centre, the lower petals dashed with rose, with a distinct clouded spot. The two last were plants of good habit, and considered promising varieties, but it was desired to see them again at a more advanced period.

Pansy, Prince Alfred:—from Mr. Bragg, of Slough. A showy rich yellow-ground variety, with dark eye, and heavy belting of bronzy-purple, not uniform throughout. Mr. Bragg also exhibited a stand of 36 Pansies.

Pelargonium, Judd's Rose Unique:—from Mr. D. Judd, gardener to the Right Hon. Earl Spencer, Althorp. Of this variety, already noticed at p. 200, a plant was now produced. The leaves were deeply lobed, and scented. The flowers were narrow-petaled, of the Unique form, of a lively pinkish-rose colour with pencilled markings on the top petals, produced in good-sized trusses, and apparently in abundance. The plant had been rather drawn; and it was suggested that it should be produced again at a more natural season for bedding varieties.

Verbenas:—from Mr. J. Kingsbury, gardener to J. Hochee, Esq., Norton Lodge, East Grinstead: **Groseille,** a bright rose with a lemon eye, described as a good bedding sort; **Beauty of Spring,** shaded rose crimson with variegated foliage; **Madame Durant,** salmon pink; these were Seedlings of 1859, the following being yearlings—**Sir John Milton,** large cupped flowers with broad segments, pale lilacy-blush; **Sir John Hochee,** large rich crimson, with darker base to the broad segments; **Lord Elphinstone, Beeswing,** and **Bessie,** rose crimson; **Sarah Ann,** and **Minnie,** purple; **Queen Victoria,** rose pink, deeper towards the eye; **Kingsbury's Pet,** a curious dull brownish red.

Azaleas:—from Mr. Kinghorn; **Kinghornii,** a fine rose of remarkable substance, the flowers well formed, average sized, and smooth in texture, very richly spotted on the upper segments. It was regarded as a variety of considerable merit, but the plant produced being of indifferent habit it was desired that it should be shown again. **Dash**, a narrow-petaled striped variety, remarkable for the long endurance of its flowers.

Auriculas:—from Mr. C. Turner. A fine collection of well-grown plants, to which a Special Certificate was awarded. The collection included among *Grey-edged* sorts—Cheetham's Lancashire Hero, Fletcher's Ne plus ultra, Lightbody's Richard Headly, Dickson's Duke of Cambridge; *Green-edged*—Ashton's Prince of Wales; *White-edged*—Campbell's Robert Burns, Summerscales' Catherina, Ashworth's Regular, Lee's Earl Grosvenor; *Selfs*—Spalding's Bessy Bell, Martin's Mrs. Sturrock; *Alpines*—Dazzle.

XXXIV.—GENERAL MEETING, May 22.

An Ordinary Meeting of the Society, for the election of Fellows and Ballot for Plants, was held on Tuesday, May 22, at the Museum of Science and Art, South Kensington, by permission of the Lord President of the Privy Council, John Jackson Blandy, Esq., V.P., in the chair.

The Chairman having intimated that H.R.H. the Duke of Cambridge had been pleased to signify his wish to become a Life Member of the Society, the usual method of ballot was dispensed with in this instance, and his Royal Highness was elected by acclamation.

The following Ladies and Gentlemen were afterwards elected Fellows:—

Mrs. E. Eddison, 65, Inverness Terrace, Bayswater, W.
Sir Charles Knightley, Bart,, Fawsley Park, Daventry.
Rev. T. W. Franklyn, 55, Onslow Square, W.
Charles Paget, Esq., M.P., 113, Eaton Square, S.W.
Lady Ashburton, 82, Piccadilly, W.
Mrs. J. W. Burmester, 17, Princes Terrace, S.W.
D. C. Marjoribanks, Esq., M.P., 29, Upper Brook Street, W.
Mrs. Newman Smith, 34, Great Cumberland Street, W.
Mrs. M. W. Savage, 13, Kensington Gate, W.
Thomas Newall Arber, Esq., 40, Upper George Street, Bryanstone Square, W.
Robert Pulsford, Esq., 6, Upper Belgrave Street, S.W.
Samuel Sandars, Esq., 27, Sussex Square, Hyde Park, W.
Lady Filmer, 90, Eaton Square, S.W.
Mrs. Chesterfield Gayford, 1, Southwick Place, Hyde Park, W.

Mrs. Bailey Denton, Woodfield, Stevenage, Herts.
The Earl Grosvenor, M.P., 28, Princes Gate, S.W.
The Earl Spencer, Spencer House, St. James's, S.W.
The Countess Spencer, Spencer House, St. James's, S.W.
James Cawley, Esq., Nutfield, Surrey.
Wm. David Howard, Esq., Bletchingley, Surrey.
F. B. Bernard Natusch, Esq., Erith, Kent, S.E.
Ralph Neville Grenville, Esq., 11, John Street, Berkeley Square, W., and Butleigh Court, Somersetshire.
Robert Broadwater, Esq., 3, Billiter Square, E.C.
H. G. Poole, Esq., 4, Old Burlington Street, W.

The Ballot for Plants was then proceeded with. It appeared that 337 Fellows had given notice of their desire to share in the distribution. Of most of the plants there were a sufficient number to supply all the applicants; but for the under-mentioned a ballot was necessary in order to determine who should have them:

THUJA GIGANTEA, 100 Plants, 123 Applicants.

Acland, Sir T. D., Bart.
Barber, Joseph, Esq.
Berners, John, Esq.
Boileau, Sir J., Bart.
Browne, E., Esq. (Oaklands)
Browne, E., Esq. (Oak Hill)
Blanshard, Mrs. H.
Clutton, John, Esq.
Chapman, Mrs. Thos.
Clark, Rev. J. C.
Cocks, Robert, Esq.
Compton, H. C. Esq.
Cooper, R., Esq.
Cox, R. H., Esq.
Cox, Thos., Esq.
Currie, Arthur, Esq.
Da Silva, J., Esq.
Darbishire, S. D., Esq.
Davis, Sir J. F., Bart.
Dawnay, Hon. Payan.
Deane, Charles, Esq.
Dent, Joseph, Esq.
De Salis, W. Fane, Esq.
Dickenson, S. Esq.
Dilke, Ashton W., Esq.
Dilke, Charles W., Esq.
Dilke, C. Wentworth, Esq.
Dimsdale, C. J. Esq.
Disraeli, Rt. Hon. B., M.P.
Docker, Edward, Esq.
Downes, The Lord.
Druce, Charles, Esq.
Dunsford, Mr. Wm.
Egerton of Tatton, Lord.
Egerton, Sir P. de M. Grey, Bart., M.P.
Erle, Lady.
Etches, W. J., Esq.
Evans, Thomas, Esq.
Eyre, Charles, Esq.
Farrer, O. W. Esq.
Finnis, Mr. Alderman.
Fortey, T. W. J., Esq.
Frere, G. E., Esq.
Gaines, Mr. Thomas.
Godson, S. Holmes, Esq.
Gold, Major-General.
Gower, R. F., Esq.
Grantley, The Lord.
Hardy, Gaythorn, Esq., M.P.
Heath, Rev. J. M.
Hedges, J. Kirby, Esq.
Henderson, Dr.
Heyworth, Rev. J.
Hibbert, Edward, Esq.
Hill, The Viscount.
Horner, Rev. John.
Horsman, Mrs.
Kelly, E. R., Esq.
Kinnersly, W. T., Esq.
Lacon, Sir E., Bart., M.P.
Leicester, The Earl of
Leigh, G. C., Esq.
Little, Dr.
Lloyd, E. H., Esq.
Longman, W., Esq.
Mac Tier, A. W., Esq.
Maddy, T. W., Esq.
Meynell, T. Esq.
Millbank, H. J., Esq.
Minchin, Colonel.
Moore, Miss E. C.
Moreton, The Lady Constance.
Munn, Major.
Murray, C. R. Scott, Esq.
Newington, Dr. S.
Nicholl, Rev. E. T.
Nugent, N. H.
Nutting, James, Esq.
Pott, Arthur, Esq.
Reeves, Thos. J., Esq.
Ricardo, Mortimer, Esq.
Rigby, Jos., Esq.
Rotton, J. F., Esq.
Sandbach, H. R., Esq.
Solly, W. H. Esq.
Strickland, C. W., Esq.
Stuart, W., Esq.
Stuart, Mrs. W.
Tenison, The Lady L.
Throckmorton, Sir Robert, Bart.
Todd, R. J., Esq.
Trevelyan, Sir W. C.
Usborne, Thomas, Esq.
Ward, Mrs. H. B.
Wellesley, Lady C.
Wellesley, H., Esq.
Wells, T. S., Esq.
Wilson, F. M., Esq.
Woodd, Basil T., Esq., M.P.
Wylde, Major-General.

CUPRESSUS CASHMERIANA, 100 Plants, 121 Applicants.

Acland, Sir T. D., Bart.
Andrews, Lieut.-Col.
Barber, Joseph, Esq.
Barnett, Mrs. H.
Belper, Lady.
Boileau, Sir John, Bart.
Brande, Everard A., Esq.
Browne, E., Esq. (Oak Hill).
Browne, E., Esq. (Oaklands)
Cass, Frederick, Esq.
Chapman, Mrs. Thos.
Clark, Rev. J. Crosby.
Cotterell, Mr. Wm.
Cox, R. H., Esq.
Cumming, Sir A. P. Gordon, Bart.
Currie, Arthur, Esq.
Cocks, Robert, Esq.
Clutton, John, Esq.
Dilke, C. Wentworth, Esq.
Dilke, Ashton W., Esq.
Dilke, Charles W., Esq.
Druce, Charles, Esq.
Davis, Sir J. F., Bart.
Darbishire, S. D., Esq.
Deane, Charles, Esq.
Dent, Joseph, Esq.
De Salis, W. Fane, Esq.
Disraeli, Rt. Hon. B., M.P.
Docker, Edward, Esq.
Downes, The Lord.
Ducie, The Earl of.
Egerton, Sir Philip de M. Grey, Bart., M.P.
Ellis, Wynn, Esq.
Eyre, Charles, Esq.
Farrer, Oliver W. Esq.
Frere, George E,, Esq.
Garraway, Mr. James.
Godson, S. Holmes, Esq.
Gray, Rev. J. E.
Gunter, R., jun., Esq.
Hardy, Gaythorn, Esq., M.P.
Harman, T. R., Esq.
Heath, D. D., Esq.
Hedges, J. Kerby, Esq.
Henry, David, Esq.
Hibbert, Edward, Esq.
Hill, The Viscount.
Hodgkinson, G., Esq.
Hubbard, J. G., Esq.
Hanbury, Robert, Esq.
Ilchester, The Earl of.
Jarvis, G. K., Esq.
Keeling, Miss Emily.
Kelly, E. R., Esq.
Kemble, Horatio, Esq.
Kirkland, Sir John, Esq.
Kinnersly, E., Esq.
Laing, Mrs. Seton.
Leicester, Earl of
Lemon, Sir Chas., Bart.
Loyd, Wm. Jones, Esq.
Mac Tier, A. W., Esq.
Martineau, David, Esq.
Meynell, Thomas, Esq.
Milbanke, H. J., Esq.
Morley, Samuel, Esq.
Newington, Dr. S.
Nugent, N. H., Esq.
Palmer, E. Howley, Esq.
Porter, Miss Anne.
Powell, Captain.
Powlett, Lady Wm.
Rogers, Reginald, Esq.
Ridley, Rev. J. N.
Ricardo, Mortimer, Esq.
Rotton, J. F., Esq.
Sandars, George, Esq.
Saunders, Joshua, Esq.
Saunders, W. W., Esq.
Scarborough, Earl of.
Smart, Mrs.
Solly, W. Hammond, Esq.
Solly, S. Reynolds, Esq.
Stewart, A. J. R., Esq.
Stamford and Warrington, The Earl of.
Tenison, The Lady L.
Throckmorton, Sir R., Bart.
Todd, R. J., Esq.
Trevelyan, Sir W .C., Bart.
Walsingham, The Lord.
Wellesley, Lady Chas.
Wells, Thomas S., Esq.
Wigan, Frederick, Esq.
Wight, Mrs.
Williams, H. R., Esq.
Wilson, Fuller Maitland, Esq.
Windley, J. W., Esq.
Woodd, Basil T. Esq., M.P.
Wright, John, Esq.
Wylde, Major-Gen. W.

CISSUS STANS, 50 Plants, 66 Applicants.

Ames, E. L., Esq.
Banks, Edward, Esq.
Baring, Hon. Mrs. F.
Beadon, Rev. F.
Berners, John, Esq.
Cass, Rev. Frederick.
Chatfield, Mrs.
Chillingworth, J.G., Esq.
Claridge, C., Esq.
Clutton, Mrs. John.
Cocks, R., Esq.
Cotterell, Mr. Wm.
Ducie, The Countess.
Gaines, Thomas, Esq.
Glendinning, Mr. R.
Gwatkin, F., Esq.
Heath, D. D., Esq.
Henderson, Dr.
Heywood, J., Esq.
Hill, The Viscount.
Hillhouse, C., Esq.
Ivery, Mr. James.
Keeling, Miss E.
Longman, Wm., Esq.
Mac Tier, A. W., Esq.
Maddy, T. Watkin, Esq.
Mangles, Robert, Esq.
Moore, Miss E. C.
Nevill, The Lady Dorothy.
Orde, Sir John, Bart.
Packe, G. H., Esq.
Pease, Joseph, Esq.
Porter, Miss Anne.
Portman, The Lord.
Potts, Wm., Jun., Esq.
Reeves, Miss.
Reeves, T. J., Esq.
Richardson, T. S., Esq.

Rolle, Lady.
Sandeman, G. G., Esq.
Saunders, T. Bush, Esq.
Sidley, Col.
Shepherd, Wm., Esq.
Straith, J., Esq.
Stuart, Clarence E., Esq.
Throckmorton, Sir R., Bart.
Walker, Rev. Joseph.
Wellesley, H., Esq.
Wicks, John, Esq.
Wilson, F. M., Esq.

HARDENBERGIA MONOPHYLLA ALBA, 30 Plants, 35 Applicants.

Best, Captain.
Chandos, The Marquis of.
Chillingworth, J. G., Esq.
Cox, Thomas, Esq.
Dawney, Hon. Payan.
Erne, The Earl of.
Evans, Mr. Commis.
Fraser, C., Esq.
Glendinning, Mr. R.
Gold, Major-General
Headly, R., Esq.
Hemming, Captain.
Hepburn, Rev. F.
Hill, Henry, Esq.
Herring, G. G.
Kelsall, Thomas, Esq.
Keeling, E. H., Esq.
Laing, Mrs. Seton.
Murray, C. R. Scott, Esq.
Munn, Major.
Norton, J. Emmett, Esq.
Pease, Joseph, Esq.
Philips, William, Esq.
Rosse, The Earl of.
Secretan, Philip, Esq.
Sibthorpe, Major G. W., M.P.
Stuart, Mrs. W.
Vesci, The Viscount De.
Walton, C., Esq.
Wicks, John, Esq.

LONICERA FRAGRANTISSIMA, 50 Plants, 139 Applicants.

Ames, E. L., Esq.
Butler, E. R., Esq.
Chapman, Mrs. Thomas.
Clarke, James, Esq.
Clutton, Mrs. J.
Courtney, C. B., Esq.
Currie, Arthur, Esq.
Cuninghame, Miss.
Dilke, Charles W., Esq.
Eyre, Charles, Esq.
Hedges, J. Kirby, Esq.
Herring, George, Esq.
Heyworth, Rev. J.
Hibbert, Edward, Esq.
Hillhouse, C., Esq.
Hanbury, R., Esq.
Hume, Col. Henry.
Kemble, Horatio, Esq.
Kinnersly, E., Esq.
Knight, Mrs.
Leicester, The Earl of.
Leigh, G. C., Esq.
Lemon, Sir Charles, Bart.
Little, Dr.
Loyd, Wm. Jones, Esq.
Neale, W. M., Esq.
Nevill, The Lady D.
Nicol, G. G., Esq.
Nutting, James, Esq.
Reeves, Thos. J., Esq.
Richards, E. P., Esq.
Sandars, George, Esq.
Sandbach, H. R., Esq.
Sandeman, G. G., Esq.
Secretan, Philip, Esq.
Scott, James, Esq.
Sibthorpe, Major G. W., M.P.
Sidley, Col.
Solly, Miss.
Staniforth, Rev. T.
Stewart, H. G. Murray, Esq.
Stuart, Clarence E., Esq.
Terry, William, Esq.
Throckmorton, Sir R., Bart.
Turner, Miss.
Veitch, Mr. J., Jun.
Veitch, Mr. J. G.
Walker, Rev. Joseph.
Wellesley, Lady Charles.
Wight, Mrs.

LILIUM PULCHELLUM, 30 Plants, 101 Applicants.

Ames, E. L., Esq.
Beadon, Rev. F.
Belper, The Lady.
Bowring, Edgar A., Esq.
Browne, E., Esq. (Oakhill).
Browne, E., Esq. (Oaklands).
Clutton, Miss.
Collingwood, F. W., Esq.
Finnis, Mr. Alderman.
Gutteres, G., Esq.
Keeling, Miss Emily.
Lloyd, Charles, Esq.
Mills, Richard, Esq.
Nugent, N. H., Esq.
Pease, Joseph, Esq.
Reeves, J. R., Esq.
Rotton, J. F., Esq.
Sandbach, H. R., Esq.
Saunders, W. W. Esq.
Shepherd, W., Esq.
Sidley, Col.
Smart, Mrs. R.
Stuart, Clarence E., Esq.
Throckmorton, Sir R., Bart.
Veitch, Mr. H. G.
Vivian, Mrs. J. H.
Walsingham, The Lord.
Wellesley, Lady C.
Wellesley, Henry, Esq.
Wynne, Mrs. Brownlow.

VERONICA DECUSSATA, *var.* DEVONIANA, 40 Plants, 108 Applicants.

Blanshard, Mrs. H.
Broadwood, Mrs. T.
Burton, W. S., Esq.
Cox, R. H., Esq.
Cox, Thomas, Esq.
Davis, Sir J. F., Bart.
Deacon, J., Esq.
De Vesci, The Viscount.
Ellis, Wynn, Esq.
Erne, The Earl of.
Gold, Major-Gen.
Green, C. B., Esq.
Hanbury, R., Esq.
Harman, T. R., Esq.
Hawkins, John F., Esq.
Hawkins, Robert M., Esq.
Henry, David, Esq.
Headly, Richard, Esq.
Keeling, Miss E.
Lloyd, C., Esq.
Mangles, R., Esq.
McQueen, W. H., Esq.
Minchin, Col.
Mills, R., Esq.
Morley, Samuel, Esq.
Naylor, R. C., Esq.
Neale, W. M., Esq.
Northumberland, The Dowager Duchess of.
Peacock, Mrs.
Phelps, Miss S.
Potts, W., Jun., Esq.
Powlett, The Lady W.
Pringle, Miss E. H. M.
Ridley, Rev. N. J.
Rolle, The Lady.
Skynner, W. H., Esq.
Solly, W. H. Esq.
Walker, Jos. N., Esq.
Walton, C., Esq.
Ward, Captain H.

CLEMATIS APPENDICULATA, 20 Plants, 41 Applicants.

Belper, The Lady.
Berners, John, Esq.
Bertrand, Miss C.
Blanshard, Mrs. H.
Burton, W. S., Esq.
Clutton, R. G., Esq.
Cox, Thomas, Esq.
Courtney, Mrs. C. B.
Cuninghame, Miss.
Deacon, J., Esq.
Erne, The Earl of.
Gwatkin, F., Esq.
Headly, R., Esq.
Herring, Miss C. E.
Keeling, Edward, Esq.
Low, Mr. Hugh.
Nevill, The Lady Dorothy.
Philips, William, Esq.
Scott, James, Esq.
Wight, Mrs.

XXXV.—REPORTS OF THE FRUIT COMMITTEE.

(*Continued from p.* 162.)

April 10, 1860.—The REV. L. VERNON HARCOURT, *in the Chair.*

The SECRETARY reported that the period had arrived when it was necessary to consider the reconstruction of the Committee. He proposed as an outline of the plan, that the Committee should consist of representatives of all horticultural interests, and should embrace individuals chosen from Amateurs, Professional Gardeners, Nurserymen, Seedsmen, Market Gardeners, and Fruiterers; that it should be selected from these classes resident in or near London, so as to secure a good attendance at the meetings; and that it should not be confined to Fellows of the Society only. A Sub-Committee was appointed to consider the subject, and report thereon.

The following presentations to the Experimental Department at Chiswick, were announced:—

Messrs. ADAMS & Co., Acton Green—4 sorts of Plums, 1 Cherry. *2nd donation.*

Messrs. Batt, Rutley, & Silverlock, Strand — 12 sorts of Broccoli. *2nd donation.*

Messrs. Charlwood & Cummins, Covent Garden — 2 sorts of Broccoli. *2nd donation.*

Mr. Cock, Chiswick—1 Broccoli and 1 Brussels Sprouts.

Messrs. Fraser, Richardson, & Goad, Bishopsgate Street—1 sort of Broccoli. *2nd donation.*

Mr. Robert Hogg (Secretary)—23 sorts of Apples, 1 Vine, 1 Pear, 7 Plums, and 1 Cherry. *2nd donation.*

Messrs. Hurst & M'Mullen, Leadenhall Street — 5 sorts of Broccoli. *2nd donation.*

Messrs. Ivery & Son, Dorking—1 Vine, 1 Celery, 1 Beet.

Mr. J. Lancaster, Belfast—1 Cucumber.

Messrs. Laird & Sinclair, Dundee—1 Pea.

Messrs. Lane & Son, Berkhampstead—2 Vines, 1 Cherry.

Messrs. J. & C. Lee, Hammersmith—1 Broccoli. *2nd donation.*

Mr. John Newton, East Lodge, Enfield Chase — 6 sorts of Rhubarb.

Mr. E. Persac—1 sort of Broccoli.

Mr. James Veitch, Jun., Chelsea — 2 sorts of Cucumber, 17 sorts of Broccoli, 1 Kale. *2nd donation.*

Mr. G. Wild, Ipswich—2 sorts of Cucumber, 1 Melon.

The subjects of exhibition were the following:—

STRAWBERRIES.—From Mr. Smith, of Richmond Road, Twickenham: a dish of forced **Keens' Seedling**, and one of **Sir Charles Napier**, both very fine and the flavour excellent; the latter was not so acid as usual.

CHINESE YAM.—From Dr. Lindley: a root of the Chinese Yam (*Dioscorea Batatas*), grown in the garden of the Marquis of Salisbury, at Theobalds. It was remarkable for its great size and handsome shape, measured 40 inches long, 8 inches in girth at the thickest part, and weighed 4¾ lbs.

May 2.—The Rev. L. Vernon Harcourt, V.P.H.S., *in the Chair.*

A Special Meeting was held to receive the report of the Sub-Committee, appointed at the last meeting.

The Sub-Committee gave in their report on the reconstruction of the Committee, and the extension of its operations to the provinces, which, being approved, was ordered to be sent up for the sanction of the Council.

May 8.—The Rev. L. Vernon Harcourt, V.P.H.S., *in the Chair.*

The Secretary reported, that the plan for the reconstruction of the Committee had been approved by the Council, and with a few emendations was as follows:—

REGULATIONS.

I. The Committee shall be designated "The Fruit and Vegetable Committee of the Horticultural Society of London."

II. The objects of the Committee shall be:—(1) To encourage the production of new and improved varieties of fruits and vegetables, by examining and reporting on such as may be submitted to it for the purpose; (2) To collect and disseminate reliable information, respecting the adaptability of particular kinds of fruits, to the varied conditions of soil, locality, &c., throughout the United Kingdom; and (3) To report on all fruits and vegetables grown in the garden for the purposes of comparison or experiment.

III. The members of the Committee shall consist of persons resident in or near London, who are known to be interested in the study and cultivation of fruits and fruit trees.

IV. The members of the Committee shall be nominated annually by the existing Committee at the last meeting in April, and submitted for the approval of the Council at the first meeting held after the anniversary meeting in May.

V. All members of Council shall be entitled to be present as visitors at the Committee meetings.

VI. The Committee shall be presided over by a chairman, appointed by the Council, and by three vice chairmen elected annually by the Committee and approved by the Council.

VII. All expenses in carrying out these objects shall be defrayed from a fund provided by the Council, and placed at the free disposal of the Committee.

VIII. The Committee shall meet on the second Tuesday in every month in the offices of the Society, at such hour as may from time to time be appointed, but special meetings may be called by the Secretary when occasion requires.

IX. The business of the meetings shall be transacted in the manner and order following, after the Chair is taken:—1. Minutes of previous meeting read and confirmed. 2. Letters addressed to Chairman or Secretary read. 3. Motions, of which notice has

been given at previous meetings, considered. 4. Fruits and vegetables examined and reported on.

X. All subjects submitted for judgment, must be delivered at the appointed place of meeting, not later than 11 o'clock, A.M., on the days of meeting, and addressed to the Secretary of the Committee.

XI. All fruits sent must be ripe, and in such condition that their qualities may be fairly reported upon. A sufficient sample must also be sent for tasting, and to admit of a correct description being drawn up.

XII. When the merits of any article produced by a member of the Committee shall be under discussion, such member of the Committee, if he is present, shall be required to withdraw till the Committee shall have made its decision.

XIII. When any new fruit brought before the Committee for an opinion proves to be meritorious, the exhibitor shall be requested to fill up for its information the Form No. I. (see p. 217).

XIV. Honorary FIRST-CLASS CERTIFICATES may be granted to very superior seedling productions, recently introduced, or very rare fruits or vegetables; such certificates briefly stating the grounds on which they are awarded. CERTIFICATES OF COMMENDATION may also be granted for examples of superior cultivation, or for any other meritorious productions not provided for by the certificate of the first order of merit. Cards with the forms of the certificates prepared in blank to be provided for the purpose.

XV. All fruit or vegetables sent to the Garden for trial shall be submitted for the opinion of the Committee; and no official opinion on the qualities of such fruits or vegetables shall be given by any paid officer of the Society.

XVI. For the purpose of collecting information as to what kinds of fruits are best adapted for cultivation under the different conditions of soil, climate, exposure, &c., which occur in different parts of the country, the Committee will, from time to time, invite fruit growers, generally, to submit to it, on such of its meeting days as may be selected for the purpose, certain specified kinds of fruits, accompanied by particular information respecting them, for which Form No. II. (see p. 218), obtainable on application to the Secretary of the Committee, at the Garden, Turnham Green, will be provided.

XVII. The Committee (or a Sub-Committee deputed for the purpose with a view to facilitate the business of the meeting) is

to examine and report on the qualities of each sample, recording its opinion in the second or lower table of Form No. II. The forms when thus filled up, to be signed by the Chairman on receiving the approval of the meeting, and preserved by being fixed in a guard book provided for the purpose.

XVIII. Premiums in number and value, according to their respective merits, may be awarded by the Committee to the foregoing Exhibitions; for which purpose the Council will set apart annually such a sum as it may think fit, to be applied to that specific object, under the direction of this Committee.

LOCAL COMMITTEES.

For carrying out more fully the operations of the Committee it has been determined to appoint Local Committees in various districts of the United Kingdom, and the following general propositions with respect thereto, have been approved:—

I. That the Local Committees are to consist of persons interested in the study of pomology, who shall be designated Pomological Associates, and one of whom shall act as Chairman and Convener. Each Committee to consist of six persons.

II. That the members of such Local Committees shall be nominated by the General Committee, subject to the approval of Council.

III. That the Chairmen of Local Committees be *ex officio* members of the General Committee.

IV. That the present members of the General Committee who are resident in the country, be appointed Chairmen of the Local Committees in their respective districts, and hence still remain *ex officio* members of the General Committee.

V. That the members of Local Committees be each entitled to receive a copy of the Proceedings of the Society gratis.

VI. That the members of Local Committees who may not be Fellows of the Society, be admitted to the Garden at Chiswick, and to all purely fruit meetings of the Society, without the order of a Fellow of the Society.

A Sub-Committee was appointed to draw up instructions for the direction of the Local Committees, and report thereupon to next meeting.

The fruits exhibited on this occasion were:—

PEACHES.—From Mr. GARDINER, gardener to Sir G. R. PHILIPS, Bart., Weston House, Shipston on Stour: a dish of

[For Seedling Fruits, &c.]

FORM, No. I.

FRUIT COMMITTEE OF THE HORTICULTURAL SOCIETY.

Entry No. ________ *Date* ____________________ 18 ____

Name and Address of Sender, ______________________________________

Locality, &c. (A) ______________________________________

Soil, &c. (B) ______________________________________

Name of Fruit.	Parentage.	Situation, &c.	Prolificacy.	Advance on existing kinds.	General season of maturation.	Habit, hardiness, peculiarity of wood, &c.	Peculiarities of foliage and of flower (C).

EXPLANATION.—(A) State whether exposed or sheltered; generally dry or otherwise; high or low, &c. (B) State the depth of soil, and nature and depth of subsoil. (C) State earliness or otherwise of foliation or flowering; and in all cases where leaves or flowers cannot be sent, describe them accurately.

[For Competition Fruits.]

FORM, No. II.

FRUIT COMMITTEE OF THE HORTICULTURAL SOCIETY.

Entry No. ________ *Date* ______________________ 18____

Name and Address of Sender, ____

1. Name of Fruit.	2. Locality, climate, elevation, &c.	3. Soil, subsoil, &c.	4. Form of ground surface.	5. Wall, standard, espalier, open, or under glass.	6. Approximate age of tree and condition.	7. Stock.	8. Peculiarities of culture, pruning, &c.	9. Remarks.

EXPLANATIONS.

The *Date, Name and Address,* to be filled in by the person sending the fruits for examination.

The *Number* in upper left-hand corner to be the Secretary's entry mark.

In column 1, insert name of fruit.

In column 2, state the district—north, south, midland, &c.; the general nature of climate, with average temperature and humidity; the height above the sea, and contiguity thereto; whether exposed or sheltered, &c.

In column 3, briefly describe the nature and depth of soil, subsoil, &c.

In column 4, indicate whether the locality is level or undulating, or sloping at a particular angle to the north, south, &c.

In column 5, record whether the tree is grown under glass, as an open standard, or espalier, or against a wall; if the latter, state its aspect and height.

In column 6, state the age of the tree, or an approximation thereto, and whether healthy or diseased, vigorous, or otherwise. Where the age is unknown, state whether the tree is old or young.

In column 7, state the kind of stock on which the variety is worked.

In column 8, point out any peculiarities of treatment likely to have affected the condition of the fruit.

In column 9, indicate peculiarities of the season in the particular locality—whether hot or cold, dry or moist, early or late, &c. &c.

The above Fruit having been examined, we report upon its qualities as follows :—

No.	Flavour.	Flesh.	Size.	Form.	Colour, &c.	Other Remarks.

Signed on behalf of the Committee, ______________________________ *Chairman.*

forced peaches under the name of **Royal Kensington.** They were grown in a half-span house, and the first portion of the crop, which was an average one, was gathered on the 21st of April. The Committee was unanimously of opinion that this was a highly meritorious example of good gardening; and a Certificate of Commendation was awarded.

STRAWBERRIES.—From Mr. Hill, Keele Hall: a fine dish of **Oscar,** which he said he had found to be a good forcer. Though well grown and handsome fruit, the flavour was inferior, being more than usually acid.—From Mr. Willis Reeve, Rochford: a seedling named **Eclipse.** Judging from a plant exhibited in a pot this is an abundant bearer, and forces well. The fruit was large and conical, inclining to cock's-comb shape, and of an uniform light crimson colour; the flavour was particularly rich and pine-like. Mr. Reeves was requested to produce it on a future occasion grown in the open ground.—From Mr. Dwerrihouse, gardener to Lord Eversley, Heckfield: two fine boxes of **Sir Charles Napier,** among which were a few large and handsome fruit of the **Bicton Pine.**

APPLES.—From John Lamb, Esq., of Newcastle Staffordshire: a dish of **Ribston Pippin.** They were handsome and in good preservation, and had been kept in glazed earthenware pans and placed in a cellar; but though firm and to all appearance in fine condition, they proved dry and flavourless.—Messrs. Ivery & Son, Dorking, again exhibited fruit of **Mickleham Pearmain,** which still maintained the good character it had acquired at previous meetings.

June 12.—Mr. Charles Edmonds, F.H.S., *in the Chair.*

The following donations to the Experimental department at Chiswick were on this occasion announced:—

J. Barber, Esq.—Japanese Vegetables.
W. Lane Booker, Esq., H.M. Consul at San Francisco—9 sorts of Japanese Vegetables.
Mr. T. Eggleston—1 sort of Cucumber.
Messrs. P. Lawson & Sons, Edinburgh—7 sorts of Holcus.
Dr. Lindley, Acton Green—10 sorts of Chinese Vegetables.
Mr. D. Robertson, Paisley—3 sorts of Strawberries, 1 Celery, 1 Brussels Sprouts, 1 Turnip, 1 Dwarf Beet.

The following letter from Messrs. LAWSON & SON, accompanying the seeds of the *Holcus saccharatus*, was read:—

"We have the pleasure to hand you, for trial at Chiswick Gardens, seven packets of Imphee seeds. They are the varieties cultivated on the east coast of Africa, and have the Kaffir names attached. It is just a chance that some of them may prove hardy enough to bear our winter, and, if so, nothing will equal them for early spring food. At all events several of the varieties are richer in sugar than the variety from China, and will be found more worth cultivating for forage. It appears that the Chinese *Holcus saccharatus* is not a native of that country, but was introduced there by the Portuguese, and is a variety not much esteemed in Africa. The Koom-ban-a and the Boo-ee-a-na are especially rich in sugar, and if they succeed will be very valuable introductions to the country."

The report of the Sub-Committee appointed to draw up rules for the guidance of Local Committees, was then read and adopted, as follows:—

INSTRUCTIONS TO LOCAL COMMITTEES.

After the formation of a Committee in any locality its attention should be directed, first, to determining the boundaries and extent of the district to which its observations are to be confined; and then to the following heads:—(A) The Local Varieties of Fruits; and (B) The Physical Conditions of the District.

§ A. *The Local Varieties of Fruits.*

1. Obtain a list of the different varieties of Fruits cultivated in the district, specifying those that are grown as open standards, and those that require the protection of walls or other appliances to bring them to maturity.

2. Transmit specimens of the Fruits of the district to the Secretary of the General Committee, accompanied with remarks respecting them, as to their origin when such is possible, antiquity, uses, extent of cultivation, local merit and reputation, and any other particulars that may be considered interesting.

3. Ascertain the approximate extent of land occupied by orchards, if any, and the varieties of fruits of which such orchards are composed.

4. State the varieties employed in Cyder making, if any, and the extent to which these varieties are cultivated.

5. Mention any peculiarities in the mode of cultivation, as regards planting, pruning, and general management, as practised in the district.

6. Describe the diseases to which fruit-trees are subject in the district; investigate their causes, and the causes of failure of crops; and state what remedies have been employed, and the success or failure attending them.

§ B. *The Physical Conditions of the Locality.*

Under this head the information necessary to be obtained is—

1. The geological structure of the district.
2. The description and depth of the soil and subsoil.
3. The surface: whether flat, undulating, or hilly, and whether open or wooded.
4. Latitude.
5. Altitude above and distance from the sea.
6. Average rainfall.
7. Average temperature.
8. Prevailing winds.

The Local Committees are to meet from time to time, at such hour and place as the Chairman, with the sanction of the Committee, may appoint; but it is necessary that not less than one meeting be held during each of the months of August, September, October, and November. The days of meeting must precede by a few days the advertised days of meeting of the General Committee, so that sufficient time may intervene to enable the Chairman of the Local Committee to transmit his reports to the Secretary of the General Committee.

At such meetings the members should endeavour to collect as many of the fruits grown in the district as are then in season, along with the information respecting them alluded to in § A; all of which information, with specimens of the fruit, are to be transmitted by the Chairman to the Secretary in time for the meeting of the General Committee.

The carriage of all packages, and all expenses attending them, will be defrayed by the General Committee.

NOTE.—It is not expected that these instructions shall all be carried out at once. They are supplied for the guidance of the Committees, to show the kind of information required, and they may be acted upon from time to time as opportunites offer. But it is very desirable that the information referring to the boundaries and extent, and the physical conditions, of the district, be communicated as early as possible.

The fruits exhibited were :—

STRAWBERRIES.—From Mr. W. PRESTOE, gardener to Sir R. BETHELL, Hackwood Park, Basingstoke: a seedling called **Prestoe's No. 3.** The fruit was so much damaged that no judgment could be formed on its merits. It however seemed to possess such qualities as to induce the Committee to request that it be sent to the next meeting from the open ground.—From Messrs. J. and E. SMALL, Colnbrook: **Ingram's Prince Arthur.** This was stated to have been raised by Mr. INGRAM, gardener to Her Majesty, at Frogmore. The fruit was of medium size, of a brilliant scarlet colour, conical and regular in shape, and having a glossy neck, like the *Old Pine.* The flesh was solid, white throughout, very juicy, brisk, and with a rich pine flavour. It was stated to be a great bearer, Messrs. Small having gathered 30 lbs. of fruit from 195 plants in pots, within the last 10 days. As a forced fruit it was stated to be about five days later than *Keens' Seedling.* The prize for the best Seedling Strawberry, offered at this meeting, was awarded to it.

LEMONS.—From N. LOCKYER, Esq., South Wembury House, near Plymouth: a dish of very handsome Lemons, which had been ripened against a wall at that place. The wall supports a high bank, and is provided with a wooden roof to throw off the rain, and with a protection of glass in front during the winter. No artificial heat is used. The chief manure is sheep's dung. The tree always produces abundantly, and has been in bearing since 1822. The fruit was very fine, 2¾ inches long, and 2¼ inches in diameter, solid and fleshy, and quite equal in flavour to imported samples.

XXXVI.—GARDEN SUPERINTENDENT'S REPORT TO THE COUNCIL.

June 4th, 1860.

SIR,—According to my instructions, I beg to hand you the following report for the information of the Council :—

The plants in the houses are progressing satisfactorily. The Palms and Cycads in the stove are growing vigorously; the greater part of these will be valuable for the summer decoration of the new Conservatory at Kensington Gore. The Orchid house, which was in a very dilapidated condition, I have had cleaned and painted inside, and the broken glass in the roof repaired;

this will now last for a considerable time. I have also had shading placed upon this and the stove house, and fitted with rollers and pulleys so as to be readily drawn up or down. I have taken for this purpose some of the old shading formerly used for the Conservatory.

The Begonias and Achimenes sent to the Garden for trial are in good condition, and will be brought in due time before the Floral Committee.

The Annuals for trial have all been carefully grown in pots, and are now planted out in the Experimental Garden : which has been prepared for them by removing old gravel walks, and re-making the borders, digging the ground to a considerable depth, and by adding a large quantity of fresh soil. With these preparations I have no doubt of the future success of the plants. The Geraniums and Verbenas, &c., are not yet planted out, as Mr. Moore expects donations from several parties who have not yet contributed ; the ground, however, is made ready for them, and I hope to get all planted during the ensuing week.

I have bedded out a considerable number of Geraniums and other decorative plants, on both sides of the walk leading from the Council-room to the Conservatory, for the purpose of getting stock for furnishing the New Gardens at Kensington next season.

The Vines in the houses are looking well, and showing a good crop of fruit. The Grapes on the pot vines are now beginning to colour ; those in the curvilinear Vinery are in a forward state ; those in the Conservatory are well set, and I am now engaged in thinning them. I would venture to draw the attention of the Council to the splendid show of Grapes in this house, a sight of which alone would well repay a visit to Chiswick.

I have forced a considerable number of Strawberries in pots since my last report. The produce has been, for the greater part, sent to market ; the remainder supplied to Fellows of the Society. The price for the best of the fruit has averaged from 6 to 10 shillings per lb.

The Peach trees on the walls are well set ; and many of the Pear trees, both those against the walls and the standards, are literally covered with fruit.

The Peas for trial are looking well ; a number of the early kinds are in full bloom.

I have planted out in frames, with bottom heat, 137 kinds of Cucumbers for trial, and I am preparing to try a large number

of the kinds on dung beds in the open ground, under the protection of Shaw's Tiffany.

There are many other crops in the Kitchen Garden and Orchard deserving of mention, amongst which are collections of French Beans, Haricots, and Runners of divers sorts, Broad Beans, a collection of Chinese Vegetable seeds; also collections of Broccoli and Borecole, all planted for trial.

I have the honour to be, Sir,

Yours obediently,

George Eyles.

To Dr. Lindley, *Secretary.*

XXXVII. REPORTS OF THE FLORAL COMMITTEE.

(*Continued from p.* 208.)

Interval.

May 12, 1860. The Earl of Stamford and Warrington, F.H.S., sent a cut specimen of **Rhododendron Maddeni** in flower. This is a very elegant species, with neat dark green elliptic-oblong leaves, somewhat rusty with scales beneath, and produces deliciously fragrant flowers, the odour of which is continuous while the flowers remain perfect. The truss sent consisted of five flowers, of a long tubular form, measuring about 3½ inches in length, the expansion of the segments being about equal to the length of the flower. The flowers had 28 stamens. A three-flowered inflorescence and 20 stamens are generally attributed to this species, but the deviation in this instance, and in some others we have examined in which the flowers were 6-7 in number, and the stamens 24, show these to be variable characters. This is one of the finest of the Indian Rhododendrons for ordinary conservatory cultivation. T. M.

May 24.—John J. Blandy, Esq., V.P.H.S., *in the Chair.*

The subjects exhibited on this occasion were the following:—

Rhododendron Amilcar:—from Mr. Standish, Bagshot. This was a variety of vigorous habit, with large trusses of flowers, which were individually large, of a broad open shallow form, almost rotate, firm in texture, with broad rounded segments of a deep bright violet purple, densely spotted with black on the upper

segment. It was remarkably showy, and was awarded a FIRST-CLASS CERTIFICATE. This, and the other varieties shown by Mr. STANDISH, excepting one called *John Gair*, were from the open air, this being their natural blooming season.

Rhododendron maculosissimum:—from Mr. STANDISH. This was a very attractive variety, the flowers being spotted all over with little dots and streaks of blackish purple, on a pale blush-lilac ground; the flowers were open funnel-shaped, with rounded segments, and were produced freely in good trusses. It was awarded a FIRST-CLASS CERTIFICATE, on account of its distinct character from the kinds usually seen.

Hemerocallis disticha, *var.* **flore-pleno**:—from Messrs. VEITCH & SON, Exeter and Chelsea. This was a vigorous herbaceous plant of a hardy race, having two-ranked broadish linear leaves, and a tall scape, producing several large expanding lily-like flowers, of a fulvous orange-colour, marked with a deeper brownish-crimson central streak, quite full, the ordinary single perianth of the common form being here quadrupled. The flowers, as in the other day-lilies, are individually of short duration. The species itself is a hardy plant, a native of China, but this form had been obtained by the Rev. W. ELLIS at the Mauritius. It was awarded a FIRST-CLASS CERTIFICATE as a distinct herbaceous plant of showy character.

Cissus? porphyrophyllus (*Lindley*):—from Messrs. VEITCH & SON. This was a free-growing climbing stove plant, and had been introduced through Mr. LOBB from India. The leaves were cordate, somewhat acuminate, about 5 inches long, and nearly 4 inches broad, palmately nerved, the surface convex, and bullate between the principal veins, which are depressed, the margin finely ciliate. The colour is a satiny green, bright on the younger leaves, becoming deeper and olivaceous on the older ones, whilst along the course of the veins are scattered irregular livid purplish blotches and flecks, the under surface being of a dull purple. It was COMMENDED as a distinct variegated plant.

Azalea Mars:—from Mr. KINGHORN, Richmond. The flowers of this fine variety were remarkably bright coloured and attractive; they were large, firm, and smooth in texture, with broad rounded even segments of a bright orange-red, almost scarlet, the upper segments being spotted with purplish-crimson. It was COMMENDED on account of its fine form and bright colour. This variety has some resemblance to that called *perfecta elegans*, but is more decidedly red.

Rhododendron Rosabelle :—from Mr. Standish. An attractive bright carmine rose-coloured variety, with black spots on the upper segment, the flowers moderate-sized, funnel-shaped, in compact trusses. It was Commended for its bright and showy colour, and neat habit.

Several other interesting plants, noticed below, were also exhibited on this occasion:—

Azalea Beauty of Kent:—from Mr. Stanley, Manor Lane Nursery, Lee. This was a variety resembling *exquisita* in colour, being of a purple-tinted blush, with pale edges, and conspicuously spotted, but it was not thought to be an improvement on others in cultivation.

Rhododendron amphipyros:—from Mr. Standish. The flowers of this showy variety were of a deep red, paler, with small black spots on the upper segment, the corollas bell-shaped, with a denticulated margin, and forming fine trusses.

Rhododendron John Gair:—from Mr. Standish. A fine habited variety, but not well expanded. The flowers were large, broad, open bell-shaped, with broad rounded overlapping segments, deep rose-coloured, paler in the centre, and scarcely spotted. The trusses were remarkably compact; and Mr. Standish stated that he considered this a model of what a Rhododendron should be for open-air culture, "the flowers being so close that no wind or rain can spoil the truss, and every truss standing up above the leaves; a most abundant bloomer flowering the first year from the graft." Its natural blooming season is the first week in June, but the plant exhibited had been forced, and was hardly enough advanced to show its true character.

Rhododendron Anadyomene:—from Mr. Standish. A free-habited blush-white, producing the flowers in bold prominent trusses, the flowers themselves being smooth and firm, faintly spotted with yellowish-brown.

Variegated Pelargonium, Hon. Mrs. Gurdon: — from Mr. Rodgers, Letton Hall, Shipdham, Norfolk. This was sent as a free-habited silver variegated variety, and was stated to "strike" as freely as *Tom Thumb*, both in autumn and spring. The flowers were scarlet. It was evidently a free-growing vigorous spreading-habited sort, but was not thought superior to others in cultivation. The leaves were broad, flat, with a mottled green centre, and a broad white margin.

Variegated Pelargonium, Golden Gem:—from Mr. Barter,

gardener to T. J. Lenox, Esq., Stanfordbrook Lodge, Hammersmith. A vigorous-growing yellow-edged variety, the leaves being broad and flat, the centre a somewhat marbled green, with a broad distinct edge of yellow. It was thought to be a promising variety, but was hardly enough advanced in growth.

Erica prestoniensis:—from Mr. Frost, gardener to E. L. Betts, Esq., Preston Hall, near Maidstone. This variety had been raised from *Hartnelli*, crossed with *aristata major;* it had a much ventricose bright varnished brick-red tube, and dark crimson contracted mouth, with moderate-sized white limb segments. Though a fine plant, as are all heaths of this group, it was not thought to equal some of those already known.

Cattleya Mossiæ, *var.* **candida**: — from R. Warner, Esq., Broomfield. This was a handsome white-petaled variety of *C. Mossiæ*, and appeared to be the same as that figured from Syon House some years since, under the name of *candida*. It was, however, stated to be of freer habit.

Interval.

June 2. Two very handsome specimens, in flower, of the **Paulownia imperialis** were received from Lord Downes, F.H.S., Binstead, Isle of Wight, where it forms a highly ornamental object at this season of the year, and occasionally ripens its seed. In habit and general appearance it bears a great resemblance to the well known *Catalpa syringæfolia*. The flowers are nearly as large as those of the Foxglove, of a pale violet-purple, and very fragrant. W. B. B.

June 14.—John Jackson Blandy, Esq., V.P.H.S., *and afterwards the* Rev. Joshua Dix, *in the Chair.*

The following further contributions to the Experimental Floral Department at Chiswick, were announced:—

Mr. Catt, Ayot St. Lawrence—Plant of Tropæolum Cavendishii.

Messrs. J. & J. Fraser, Lea Bridge Road—62 varieties of bedding Pelargoniums, 24 Fuchsias, 81 Phloxes, 7 Gloxinias, 6 new dwarf Chrysanthemum-flowered Asters, 4 Pentstemons.

Mr. Hally, Blackheath—4 kinds of bedding Pelargoniums, several plants of each.

Mr. INGRAM, Royal Gardens, Frogmore—8 varieties of bedding Pelargoniums, several plants of each, 1 Lobelia, and Tritoma Uvaria.

Mr. KINGHORN, Richmond—6 varieties of bedding Pelargoniums, several plants of each.

Messrs. ROLLISSON, Tooting—46 kinds of Verbenas, 42 Phloxes, 17 Pentstemons, 26 bedding Pelargoniums, 18 Fuchsias, 15 Tydæas, 24 Achimenes, 7 Heliotropes, 21 Petunias, 25 Begonias, and 2 Lobelias.

Dr. SANKEY, Hanwell—6 plants of Verbena Mars.

Mr. SCOTT, Crewkerne—107 kinds of Verbenas, 71 bedding Pelargoniums, and 1 Petunia.

Mr. STANDISH, Bagshot—2 Dracænas, 26 Phloxes.

Mr. TURNER, Slough — 77 kinds of Verbenas, 47 bedding Pelargoniums of various kinds. *2nd Donation.*

Mr. G. WILLS—11 varieties of Verbenas.

The following were the exhibitions on this occasion :—

Cyathea Smithii :—from Mr. STANDISH, Bagshot. A very handsome hardy greenhouse tree fern, introduced from New Zealand, and new to gardens. It forms a tree of moderate size, growing about 20 feet high, with stoutish stems, having a fibrous outer surface, and furnished with numerous bright brown scales about the crown. The fronds grow 8 or 9 feet long, and are bipinnate, or almost tripinnate, with short pinnules forming narrowish pinnæ of a bright shining green. It was awarded a FIRST-CLASS CERTIFICATE.

Cyathea Cunninghamii :—from Mr. STANDISH. This very elegant hardy greenhouse tree fern, also a native of New Zealand, had, as exhibited, more slender stems than *C. Smithii.* It grows about 20 feet high, with a fibrous base, and has an abundance of whitish chaffy-looking scales about the crown. The fronds are tripinnate, and in the wild state grow from 20 to 30 in a crown, the pinnules being more tapering at the point than in *C. Smithii.* It was awarded a FIRST-CLASS CERTIFICATE. These will both prove valuable additions to the materials for planting in cool conservatories.

Azalea amœna hybrida :—from Mr. STANDISH. A beautiful dwarf compact-growing evergreen shrub, "raised from *A. lateritia* by *A. amœna*," and stated to be "perfectly hardy, having been taken up in full flower from the open ground, where it has been for two years." Of a lot of seedlings turned out in the open

ground, this was said to appear to be the most hardy, not a leaf having been injured, It bore a profusion of small bright rosy-purple flowers, about 1¼ inch in expansion and the same in length, of firm substance, with rounded lobes; and these, though small, were of good form, and very attractive in appearence. It is a fine addition to hardy flowering shrubs, in which character of hardiness its chief merit consists, and for which, as an otherwise distinct and pretty plant, it was COMMENDED.

Rhododendron Athenia:—from Mr. STANDISH. A fine variety of the *catawbiense* section, having large elliptic oblong-acute leaves, and bold trusses of numerous large flowers, the segments of which were even, roundish in outline, blush-white, stained on the upper segment with a bold and very effective olive-tinted yellow blotch. The plant was stated to have been taken from the open ground. It was COMMENDED.

Aquilegia vulgaris, *var.* **caryophylloides**:—from Messrs. CARTER & Co., Holborn. This was a very pretty double-flowered variety of the common Columbine; the flowers were white, variously striped with reddish-crimson, and here and there with reddish purple, producing an effective variegation. It was stated to have been selected out of a bed of mixed colours, and to have been proved to come true from seed. It was also stated to be quite distinct in the seed, which is of a light green, instead of being black as is usually the case. The variety was considered distinct and handsome, and was COMMENDED.

Besides these, the following subjects were examined:—

Laxton's Hybrid Dianthus:—from Mr. T. LAXTON, Stamford, This was stated to have been raised by crossing the double Chinese Pink with the Sweet William. "It partakes of the character of the former in its period of blooming, and in the size and markings of the blooms, and resembles the latter in its foliage and style of growth. Its flowers are produced the first year from seed; it is as hardy and enduring as its parents, and is produced freely from seeds or from cuttings, but does not always come true from seeds." The plant, as shown from the open ground, was dwarfish, with openly-branched erect flower-stems, not yet in bloom. In a pot and forwarded in a greenhouse it was about 2 feet high, erect, branched repeatedly, the ultimate branches producing solitary flowers. The flowers were about 1¼ inch in expansion; and in the plants exhibited were of a deep crimson or rich rose-purple, deeper coloured towards the eye. It was

a pretty plant, as are nearly all the species of *Dianthus;* but was not comparable with the new Japanese sorts lately introduced.

Delphinium chinense album:—from Mr. Laxton. A supposed cross between a blue *chinense* and *formosum* also blue. Mr. Laxton stated that it appeared "to be merely a white *chinense*, the sportive character of which section it illustrates." It was not an attractive plant in the state in which it was produced.

Aquilegia vulgaris kermesina:—from Messrs. Carter & Co. This was a double-flowered kind, of a dull crimson-red.

Fuchsia magna multiflora:—from Mr. Keynes, Salisbury. A free-blooming variety, the short tube and the sepals pale pink, the corolla a deep reddish purple.

Begonia Prince of Wales:—from Mr. W. Cutbush & Son, Highgate. The leaves of this fine variegated sort were large, with a greyish or silvery surface, rayed with green in the centre, where the main ribs start out, and having a narrow green spotted edge. The variety, though individually fine, was wanting in distinctness.

Tropæolum Cavendishii:—from Mr. Catt, gardener to the Hon. W. H. F. Cavendish, Ayot St. Lawrence, Welwyn. This was stated to be of remarkably dwarf habit. The flowers were large bright orange-scarlet, with deep crimson spots on the upper petals. It was considered to have very close resemblance to a variety called Brilliant. Its properties will be tested at the garden, a plant having been presented for this purpose.

Variegated Pelargonium Golden Gem:—from Mr. Barter, gardener to T. J. Lenox, Esq., Hammersmith. This has been already noticed at p. 226. As now shown the leaves were paler and less effective than when formerly exhibited; the flowers were dull red.

Pelargonium (*zonale*) **Flower of June**:—from Mr. Barter. A variety of dwarf habit and flowering freely, producing good-sized trusses of bloom. The leaves have a very dark horse-shoe mark, and the flowers are of a pale cerise pink.

Bougainvillæa spectabilis:—from Mr. Daniels, gardener to the Rev. C. E. Ruck Keene, Swyncombe, Henley-on-Thames. Specimens of this beautiful plant, which has been flowering in profusion in Mr. Keene's garden for the last three months, were exhibited, and a Special Certificate was awarded for the skill shown in the successful management of a plant which it has generally been found difficult to induce to bear flowers freely.

From the accounts which have been furnished by Mr. DANIELS, it would appear that this result has been occasioned by allowing scope for the development of the branches, and by the thorough ripening, effected by the application of strong dry bottom heat.

Dendrobium Falconeri:—from Mr. T. BAINES, gardener to H. L. MICHOLLS, Esq., Summerfield, Bowdon, Manchester. These were finely developed cut blooms of this rare and beautiful species, sent with the following communication on its management. A SPECIAL CERTIFICATE was awarded to Mr. BAINES for his communication and exhibition :—

"I enclose a few flowers of *Dendrobium Falconeri*, from a plant flowering here. From the numerous inquiries made by orchid growers respecting its treatment, and also from my own observations, I am led to suppose it to be a very difficult subject to manage well. I therefore take the liberty of stating the treatment under which it grows admirably with me.

"Its habit of growth and the treatment it requires, are different from those of all other orchids I have met with.

"I know of no orchid that requires more thorough ripening to induce it to flower. I therefore grow it attached to a piece of wood, hung up within 18 inches of the glass, in a cool orchid house, where the night temperature in the growing season is from 60° to 65°, with a rise of 8° or 10° by day, and where it receives all the light possible, but not the least sun; for its thin delicate leaves are sure to be injured by exposure to the sun, neither can they withstand the effects of fumigating the house with tobacco I rest it by gradually withholding water, and reducing the temperature from the middle of November to the end of April, and for the last four months of this time I never give any water. The atmosphere is kept moderately dry, with a temperature of from 50° to 65°. It is, in fact, very difficult to manage without the convenience of two or three houses, so as to be able to move it about, in order to give it a long rest.

"When starting to grow, I give no water till I can discern the shape of the flowers. The first year it showed bloom with me I watered it too soon, and the result was, it did just as *D. pulchellum* will do, when similarly treated—run off to growth. The second year I withheld water too long, and more than half the flowers perished for want of sufficient sustenance at the proper time. If any of the stems put out side growths I rub them off, for if they are allowed to grow on, the plant will not bloom, as the

main stems are too much weakened thereby. With me, it only blooms from that part of the stem which is two years old. It appears to be its natural habit to grow on year after year from the points of the old growth, so that it will not do to keep it growing in autumn like other Dendrobes till the terminal leaf appears, for in the case of this plant there is no such leaf. I have seen persons attempt to make it grow upwards by tying up its stems, but it refuses to grow in that way, being contrary to its nature: besides, it spoils the appearance of the plant, which, when allowed to droop in its natural form, and adorned with its large wonderfully-coloured exquisitely-scented flowers, is one of the most elegant plants in existence."

Azalea Flora:—from Mr. PARSONS, Danesbury, Welwyn. A large-flowered white variety, of tolerable form, very slightly striped with pale rose-colour.

Gesnera gloxiniæflora:—from Messrs. E. G. HENDERSON & SON, St. John's Wood. A handsome erect-growing hybrid, producing large ovate hairy dark-coloured leaves, and numerous axillary flowers, as large as those of a *Gloxinia*, deep rich rose-colour, with a paler tube and deeper throat. It is a fine ornamental variety, introduced from the Continental gardens, and with the two following was contributed for inspection only.

Imatophyllum cyrtanthiflorum:— from Messrs. E. G. HENDERSON & SON. This is in habit very like *Clivia* (or *Imatophyllum*) *nobilis*, but the flowers are paler coloured. It has distichous lorate bluntish leaves, and an erect flower-scape, bearing numerous drooping tube-funnel-shaped flowers, which are throughout of a pale flame colour.

Hydrangea cyanema:—from Messrs. E. G. HENDERSON & SON. A dwarf shrub, with ovate coarsely and sharply serrated hairy leaves, and loose corymbs of flowers, of which the perfect ones are small with blue petals and stamens, and the external neutral ones pinkish, with large unequal ovate or inversely wedge-shaped toothed sepals.

INTERVAL.

JUNE 16. Fine specimens, in flower, of the **Akebia quinata** were received from Sir THOMAS DYKE ACLAND, Bart., F.H.S., Killerton, near Exeter, where we are informed this interesting climber flourishes in the open air with nearly the same vigour as in its native country. Although introduced by Mr. FORTUNE for

the Horticultural Society a good many years ago, and extensively distributed, it does not seem to have received so much attention from cultivators as its merits deserve. It is from Chusan, and may therefore be considered as a hardy greenhouse plant. Mr. Fortune states that he "found it growing on the lower sides of hills, in hedges, where it was climbing on other trees, and hanging down in graceful festoons from the ends of their branches. The colour of its flowers is a dark brown, not unlike that of the *Magnolia fuscata*, and they are very sweet scented. Indeed it was the delightful fragrance which first attracted my attention to the spot where the plant was growing."

For training against a trellis in the greenhouse or conservatory, this plant seems to be well adapted. It is said to be easily propagated, either by cuttings of the stems or roots; and in China, according to Mr. Fortune, it generally grows in poor well-drained soil. W. B. B.

XXXVIII. GENERAL MEETING, June 26.

An Ordinary Meeting of the Society, for the election of Fellows and Ballot for Plants, was held on Tuesday, June 26, at the Museum of Science and Art, South Kensington, by permission of the Lord President of the Privy Council, The Earl of Ducie, V.P., in the chair, when the following Ladies and Gentlemen were elected Fellows :—

Miss Bridge, 78, Eaton Square, S.W.
Miss Maria Bridge, 78, Eaton Square, S.W.
Robert Cathcart, Esq., Pitcairlie, Auchtermuchty, Scotland.
J. Jull Chalk, Esq., 80, Warwick Square, S.W.
Rev. V. Knox Child, Rectory House, Little Easton, Essex.
Samuel Churchill, Esq., Fawley, Southampton.
Miss Courtoy, 14, Wilton Crescent, Belgrave Square, S.W.
Miss Elizabeth Courtoy, 14, Wilton Crescent, Belgrave Square, S.W.
Thomas Dalton, Esq., Cardiff.
Madame Eliza Faure, 18, Brompton Crescent, S.W.
William Garnier, Esq., Rookesbury, Fareham, Hants.
William Gillow, Esq., Wednesbury, Sandwich.
The Lady Mary Nisbet Hamilton, 33, Chesham Place, Belgrave Square, S.W.
Ralph Allen Husey, Esq., 97, Westbourne Terrace, W.
Matthew Marsh, Esq., M.P., 47, Dover Street, W.
Miss Ann Prater, 71, Portland Place, W.
Miss Mary Jane Renny, 2, Albemarle Street, W.
Miss Elizabeth Renny, 2, Albemarle Street, W.
The Earl of Shrewsbury and Talbot, 36, Belgrave Square, S.W.
Martin Tucker Smith, Esq., M.P., 13, Upper Belgrave Street, S.W.
Owen Wallis, Esq., Overstone Grange, Northampton.

The Ballot for Plants was then proceeded with. The list of those selected for distribution on this occasion comprised 19 sorts—chiefly greenhouse and hardy ornamental shrubs—for which there were 360 applicants. Of eleven kinds there were plants for all who had applied for them; but for the under-mentioned a ballot was necessary, when the following Fellows were declared to have been successful:—

CUPRESSUS LAWSONIANA, 50 Plants, 137 Applicants.

Auldjo, T. R., Esq.
Belper, The Lord
Bewley, Thomas, Esq.
Browne, Edward, Esq. (Oak Hill).
Burton, W. S., Esq.
Canterbury, The Dean of
Clutton, John, Esq.
Cocks, Robert, Esq.
Cox, R. H., Esq.
Dale, Mr. Joseph
Deacon, Miss
Dilke, C. Wentworth, Esq.
Dobinson, Joseph, Esq.
Edmonds, Mr. C.
Egerton of Tatton, The Lord
Forster, Robert, Esq.
Fraser, Charles, Esq.
Gape, Rev. Charles
Grantley, The Lord
Green, John, Esq.
Greenwood, John, Esq., M.P.
Gwynn, Howell, Esq.
Hanbury, Robert, Esq.
Hardy, Gathorne, Esq.
Hedges, J. Kirby, Esq.
Henry, David, Esq.
Hill, Charles, Esq.
Hughes, Wm. Hughes, Esq.
Hulse, Charles, Esq.
King, C. A., Esq.
Kinnersly, E. T., Esq.
Lance, J. Henry, Esq.
Leighton, Sir Baldwin, Bart.
Longman, Wm., Esq.
Mac Tier, A. W., Esq.
Morley, Samuel, Esq.
Northwick, The Lord
Parry, Miss
Popham, F. L., Esq.
Richardson, T. S., Esq.
Rotton, J. Francis, Esq.
Rumbold, Mr. W. H.
Skynner, W. H., Esq.
Smart, Mrs.
Smith, Dr. Protheroe.
Stuart, Chas. Pole, Esq.
Walker, Henry, Esq.
Ward, Mrs. H. B.
Wellesley, Henry, Esq.
Wright, John, Esq.

CUPRESSUS GOVENIANA, 50 Plants, 64 Applicants.

Auldjo, T. R., Esq.
Baker, W. R., Esq.
Bewley, Thomas, Esq.
Blandy, J. J., Esq.
Capper, Robert, Esq.
Chapman, Mrs.
Clutton, John, Esq.
Cox, R. H., Esq.
Cumming, Sir A. P. Gordon, Bart.
Curzon, Hon. S. Roper
Deacon, Miss.
Dobinson, Joseph, Esq.
Dresden, Mrs.
Egerton, Sir P. de M. Grey, Bart., M.P.
Eyre, Charles, Esq.
Fairbairn, Thos., Esq.
Fletcher, John C., Esq.
Forty, T. W. J., Esq.
Frere, G. E., Esq.
Gower, W. Leveson, Esq.
Green, John, Esq.
Greenwood, John, Esq., M.P.
Hardy, Gathorne, Esq.
Harrowby, The Earl of
Hemming, Capt. Walter, C.
Hope, A. J. Beresford, Esq.
Hope, The Lady Mildred Beresford
Leicester, The Earl of
Leighton, Sir B., Bart.
Leslie, Col. Charles P., M.P.
Lowther, Robert, Esq.
Maberley, Mrs. James
Maddy, T. Watkin, Esq.
Marjoribanks, E., Esq.
Micholls, H. L., Esq.
Milbanke, H. J., Esq.
Nicholl, Rev. E. T.
Paget, Chas., Esq , M P.
Parry, Miss
Rashleigh, Jonathan, Esq.
Sandeman, G. G., Esq.
Smart, Mrs.
Solly, W. Hammond, Esq.
Sowerby, Col. Thomas
Trevelyan, Sir W. C., Bt.
Vernon, The Lord
Walker, E. J., Esq.
Walker, Henry, Esq.
Walker, Rev. Joseph
Wells, Wm., Esq.

PINUS TUBERCULATA, 50 Plants, 102 Applicants.

Ames, John, Esq.
Baker, W. R., Esq.
Blandy, J. J., Esq.
Brough, Mrs. F. E.
Chapman, Mrs.
Chillingworth, J. G. Esq.
Clarke, Rev. J. C.
Cotterell, Mr. W.
Deane, Charles, Esq.
Dilke, Ashton, W. Esq.
Dilke, C. Wentworth, Esq.
Dilke, Charles W., Esq.
Docker, Edward, Esq.
Dunsford, Mr. W.
Edmonds, Mr. Charles
Ellesmere, The Earl of
Forster, Robert, Esq.
Frere, G. E., Esq.
Gray, Rev. J. E.
Grenville, The Lady
Hardy, Gathorne, Esq.
Harrowby, The Earl
Hope, A. J. Beresford, Esq.
Kemble, Rev. C.
Leighton, Sir Baldwin, Bart.
Lemon, Sir C., Bart.
Lowther, Robert, Esq.
Loyd, W. Jones, Esq.
Maddy, T. W., Esq.
Massey, T. H., Esq.
Micholls, H. L., Esq.
Nicholl, Rev. E. T.
Paget, Charles, Esq. M.P.
Rashleigh, Jonathan, Esq.
Rogers, Mr. W.
Rotton, J. F., Esq.
Sandars, Geo. Esq.
Sandbach, H. R., Esq.
Solly, S. Reynolds, Esq.
Solly, Miss
Sowerby, Col. Thos.
Stewart, H. G. Murray Esq.
Stuart, Mrs. William
Tenison, The Lady Louisa
Thornycroft, Rev. J.
Walker, E. J., Esq.,
Wellesley, The Lady Charles
Windley, J. W., Esq.
Woodd, Basil, T., Esq. M.P.
Wright, J. Esq.

CHOROZEMA CORDATUM, 40 Plants, 53 Applicants.

Allnutt, John, Esq.
Alexander, Mrs.
Bartlett, J. E., Esq.
Belper, The Lord
Best, Captain Thomas
Buller, Wentworth W., Esq.
Campbell, James, Esq.
Capel, Mrs.
Clutton, John, Esq.
Cole, James, Esq.
Collingwood, F. J. W., Esq.
Cox, Thomas, Esq.
Currie, Arthur, Esq.
Dent, Joseph, Esq.
Egerton, of Tatton, The Lord
Fraser, C., Esq.
Good, J. H., Esq.
Headly, Richard, Esq.
Herring, Miss C.
Heyworth, Rev. J.
Hubbard, J. G., Esq., M.P.
Hume, Colonel, Henry, C.B.
McQueen, W. H., Esq.
Matheson, H. M., Esq.
Micholls, H. L., Esq.
Orred, John, Esq.
Packe, G. H., Esq., M.P.
Popham, F. L., Esq.
Powell, Captain, T. H.
Prescott, W. G., Esq.
Rickards, S., Esq.
Robinson, F. E., Esq.
Rosher, Edward, Esq.
Rowland, Alexr., Esq.,
Stewart, H. G. Murray, Esq.
Stuart, Lieut.-Col., M.P.
Trevelyan, Sir W. C., Bart.
Tynte, Colonel
Waterlow, Sidney, H. Esq.
Wells, W., Esq.

PAULOWNIA IMPERIALIS, 50 Plants, 97 Applicants.

Baines, H. R., Esq.
Barnes, Mr. Wm.
Best, Capt. Thos.
Broadwater, Robt., Esq.
Brough, Mrs.
Browne, E., Esq. (Oaklands)
Buller, Wentworth W., Esq.
Cass, Rev. Frederick C.
Clark, Rev. John C.
Curzon, Hon. S. Roper
Da Silva, J., Esq.
Deacon, John, Esq.
Derby, The Earl of
Druce, Alexander, Esq.
Ellesmere, The Countess of
Forty, T. W. J., Esq.
Gladstone, Adam S., Esq.
Godson, S. Holmes, Esq.
Grantley, The Lord
Gray, Rev. J. E.
Hancock, Thomas, Esq.
Harcourt, Rev. L. Vernon
Heath, D. D., Esq.
Hill, Charles, Esq.
Kelsall, Thomas, Esq.
King, C. A., Esq.
Kinnersly, E. T., Esq.
Little, Dr.
Loyd, Wm. Jones, Esq.
Maberley, Mrs. James
Mac Tier, A. W., Esq.
Milbanke, Henry J., Esq.
Morley, Samuel, Esq.

Parry, Miss
Perkins, Algernon, Esq.
Phillips, Mark, Esq.
Reeves, Thos. J., Esq.
Rigby, Josh. D., Esq.
Sandeman, G. G., Esq.
Seager, J. G. G., Esq.
Seymour, J. G., Esq.
Smart, Mrs. R.
Stuart, Lt.-Col., M.P.
Tenison, The Lady L.
Vernon, The Lord
Walker, Joseph N., Esq.
Westcar, Henry, Esq.
Whiteman, John C., Esq.
Woodd, Basil T., Esq., M.P.
Wright, John, Esq.

GLYCINE SINENSIS ALBA, 50 Plants, 97 Applicants.

Allnutt, John, Esq.
Baker, W. R., Esq.
Barnes, Mr. William
Broadhurst, Wm., Esq.
Burrage, Miss
Canterbury, The Dean of
Chater, J. F., Esq.
Cole, James, Esq.
Collingwood, F. J. W., Esq.
Courtney, Mrs. C. B.
Cox, Mr. John
Davy, G. B., Esq.
Deacon, Miss
Disraeli, Right Hon. B., M.P.
Egerton, Capt. C. R.,
Erne, The Earl of
Gape, Rev. Charles
Gladstone, Adam S., Esq.
Godson, S. Holmes, Esq.
Gower, Hon. E. F. L.
Gray, Mr. James
Hedges, J. Kirby, Esq.
Hemming, Capt. W. C.
Holt, Charles, Esq.
Hubbard, J. G., Esq., M.P.
Jalland, B. M., Esq.
Jarvis, Sir Raymond, Bart.
Kemble, Rev. Charles
Kinnersly, Wm. T., Esq.
Laxton, T. J., Esq.
Learmonth, T. Y., Esq.
Luscombe, John, Esq.
McQueen, Wm., Esq.
Massey, T. H., Esq.
Matheson, H. M., Esq.
Potts, Wm., Esq.
Rickards, S., Esq.
Rigby, J. D., Esq.
Sandars, George, Esq.
Shelburne, The Earl of
Stewart, H. G. Murray, Esq.
Stuart, Lt.-Col., M.P.
Tunno, E. R., Esq.
Vardon, Arthur, Esq.
Waterer, Mr. John.
Waterlow, Sidney, H., Esq.
White, Henry, Esq.
Willson, Joseph, Esq.
Wyndham, Henry, Esq.
Wynne, Mrs. Brownlow

GARDENIA FLORIDA, *var.* FORTUNIANA, 40 Plants, 76 Applicants.

Bartlett, J. E., Esq.
Berens, Mrs.
Blandy, J. J., Esq.
Blanshard, Mrs. Henry
Broke, Capt. Sir George, Bart., C.B.
Burton, W. S., Esq.
Campbell, Colin M., Esq.
Campbell, James, Esq.
Cobb, Mr. F.
Courtney, C. B., Esq.
Cox, Mr. John
Clutton, R. G., Esq.
Darbeshire, S. D., Esq.
Dent, Joseph, Esq.
Gape, Rev. Charles
Green, E. B., Esq.
Grenville, Ralph Neville, Esq.
Hepburn, Rev. F.
Hoblyn, Thos , Esq.
Hubbard, J. G., Esq., M.P.
Kelsall, Thomas, Esq.
Lacon, Sir Edmund, Bart., M.P.
Legh, G. Cornwall, Esq.
Leslie, Col. C.P., M.P.
Luscombe, John, Esq.
Lyell, Sir Charles
Moore, Thomas, Esq.
Rosher, Edward, Esq.
Salt, W. H., Esq.
Stewart, A. J. R., Esq.
Stuart, Edwin, Esq.
Terry, William, Esq.
Tunno, E. R. Esq.
Tynte, Col.
Vernon, The Lord
Vyner, Robert, Esq.
Wellesley, The Lady C.
White, Henry, Esq.
Woodd, Basil T., Esq., M.P.
Wynne, Mrs. Lloyd

CEANOTHUS VERRUCOSUS, 20 Plants, 80 Applicants.

Blount, William, Esq.
Cass, Frederick, Esq.
Courtney, C. B., Esq.
Deacon, Miss
Godson, S. Holmes, Esq.
Grenville, The Lady
Headly, Richard, Esq.
Holt, Charles, Esq.
Kinnersly, W. T. Esq.
Natusch, F. B. Bernard, Esq.
Potts, Edward, Esq.
Sandon, The Lord
Shelburne, The Earl of
Tenison, The Lady L.
Tighe, Right Hon. Col.
Trevelyan, Sir W. C., Bt.
Walcot, Thos., Esq.
Walker, Joseph N., Esq.
Windley, T. W., Esq.
Wright, John, Esq.

XXXIX.—GENERAL MEETING, July 24.

An Ordinary Meeting of the Society, for the election of Fellows and Ballot for Plants, was held on Tuesday, July 24, at the Museum of Science and Art, South Kensington, by permission of the Lord President of the Privy Council, C. Wentworth Dilke, Esq., V.P., in the chair, when the following Ladies and Gentlemen were elected Fellows:—

The Hon. Mary Trefusis, 18, Upper Grosvenor Street, W.
The Hon. Adela Trefusis, 18, Upper Grosvenor Street, W.
Shirley Hibberd, Esq., Stoke Newington, N.
James M. Venning, Esq., 7, Petersham Terrace, Queen's Gate, W.
The Hon. Mary C. Abercromby, 56, Eccleston Square, S.W.
Lady Macdonald, The Holmwood Knoll, Dorking.
Pryse Loveden, Esq., Gogerddon, Aberystwith.
Miss Cox, Trevereux, Edenbridge, Kent.
Sir Walter C. James, Bart., Betteshanger, Sandwich, Kent.

A Ballot for various Plants, the third and last for the season, then took place, the successful applicants being the following. Of the other plants for distribution, there was a sufficient supply for all applicants:—

Cupressus Macnabiana, 100 Plants, 178 Applicants.

Ames, J., Esq.
Baker, W. R., Esq.
Banks, E., Esq.
Barnes, Keith, Esq.
Barnes, Mr. Wm.
Barnet, Mrs. G.
Barnet, Mrs. W.
Berners, J., Esq.
Bewley, T. Esq.
Blandy, J. J., Esq.
Browne, E., Esq., (Oaklands)
Cass, Fredk., Esq.
Cass, Rev. F. C.
Child, Rev. V. Knox
Clutton, John, Esq.
Cooper, W., Esq.
Courtney, Mrs. C. B.
Cox, Mr. J.
Cox, Thos., Esq.
Crabbe, Mrs. Eyre
Curzon, Hon. and Rev. F.
Davis, Thos., Esq.
Derby, The Earl of
Dickens, C. S., Esq.
Docker, E., Esq.
Egerton, Captain
Egerton, Sir P., Bart., M.P.
Egerton of Tatton, The Lord
Elliot, J. L., Esq.
Falmouth, The Visct.
Farmer, Thos., Esq.
Farrer, O. W., Esq.
Forster, R., Esq.
Fraser, C., Esq.
Gape, Rev. C.
Gray, Mr. J.
Greenwood, J., Esq., M.P.
Harcourt, Col.
Henderson, Dr.
Henry, David, Esq.
Herring, G., Esq.
Heyworth, Rev. J.
Hodgskinson, G., Esq.
Hoare, P. R., Esq.
Hutton, R., Esq.
Ingilby, Mrs.
Ivery, Mr. J.
Johnston, E., Esq.
Johnstone, Sir J., Bart, M.P.
Kemble, H., Esq.
Knight, Mrs.
Lansdowne, the Marquis of
Legge, The Lady Caroline
Legh, G. C., Esq
Leicester, The Earl of
Leigh, J. S., Esq.
Leslie, Col., M.P.
Llanover, The Lord
Longman, W., Esq.
Mac-Tier, A. W., Esq.
Massey, T. H., Esq.
Maurigy, Mr. D.

Muggeridge, Sir H.
Nash, D., Esq.
Natusch, F. B. B., Esq.
Nevill, The Lady Dorothy
Nutting, Mr. J. G.
Packe, G. H., Esq., M.P.
Parry, T. G., Esq.
Potter, T. B., Esq.
Potts, E., Esq.
Potts, W., Esq.
Prescott, W. G., Esq.
Robb, Mrs.
Rogers, R., Esq.
Rotton, J. F., Esq.
Rumbold, W. H., Esq.
Scarbrough, The Earl of
Shelburne, The Earl of
Shepherd, W., Esq.
Skynner, W. H., Esq.
Sladden, J., Esq.
Solly, Miss
Spencer, Mr. J.
Stewart, H. G. Murray, Esq.
Thornycroft, Rev. J.
Trevelyan, Sir W. C., Bart.
Vernon, The Lord
Walker, J. N., Esq.
Walton, C., Esq. (Acton)
Waterlow, S. H., Esq.
Waterlow, Mrs. W. B.
Wells, G. G., Esq.
Wellsley, The Lady Charles
Whitmore, W., Esq.
Wilson, F. M., Esq.
Windley, J. W., Esq.
Wood, G., Esq. (Rochford)
Wylde, Major-General, Wm.
Wylde, Mrs. W.

SCLEROTHAMNUS DIFFUSUS, 20 Plants, 36 Applicants.

Best, Capt. Thomas
Buller, W. W., Esq.
Carroll, Sir G.
Cole, James, Esq.
Courtoy, Miss E.
Crabbe, Mrs. Eyre
Erle, Lady
Finnis, Mr. Alderman
Hope, A. J. Beresford, Esq.
Hailstone, E., Esq.
Headly, R., Esq.
Heatly, G. H. Tod, Esq.
Hoblyn, T., Esq.
Jeakes, W., Esq.
Palmer, E. H., Esq.
Richards, E. P., Esq.
Rowland, A., Esq.
Sandbach, W. R., Esq.
Turnbull, H. B., Esq.
Wood, Miss

SYRINGA PINNATIFIDA, 12 Plants, 72 Applicants.

Allnutt, John, Esq.
Ames, John, Esq.
Clutton, John, Esq.
Harcourt, Rev. L. Vernon
Hope, The Lady Mildred
McKenzie, Finlay, Esq.
Moore, Miss E. C.
Norton, J. Emmett, Esq.
Pontey, Mr. A.
Sandars, S., Esq.
Stuart, C. Pole, Esq.
Walker, J. N., Esq.

BRIDGESIA SPICATA, 50 Plants, 119 Applicants.

Banks, E., Esq.
Barnes, Keith, Esq.
Best, Capt. T.
Bohn, H. G., Esq.
Browne, E., Esq. (Oaklands)
Cass, F., Esq.
Chapman, Mrs.
Clutton, R. G., Esq.
Courtoy, Miss
Crease, Mrs.
Dale, Mr. Joseph
Dent, J., Esq.
Docker, Ed., Esq.
Dorin, Mrs.
Dresden, Mrs.
Ducie, The Earl of
Egerton, Captain
Evans, Mr. Commissioner
Erle, Lady
Finnis, Mr. Alderman
Gray, Rev. J. E.
Gwyn, Howell, Esq.
Hanbury, R., Esq.
Harcourt, Rev. L. V.
Henderson, Dr.
Hill, Henry, Esq.
Kemble, Horatio, Esq.
Laing, Mrs. Seton
Lansdowne, Marquis of
Leicester, The Earl of
Lindley, Dr.
Milbanke, H. J., Esq.
Moore, Miss E. C.
Muggeridge, Sir H
Palmer, E. H., Esq.
Paxton, W., Esq.
Porter, Miss Anne
Rowland, Miss
Sidley, Col.
Sibthorpe, Major G. W., M.P.
Shelburne, The Earl of
Shepherd, W., Esq.
Skynner, W. H., Esq.
Stuart, Edwin, Esq.
Terry, W. J., Esq.
Walker, Rev. J.
Walker, J. N., Esq.
Waterfield, O. C., Esq.
Willson, Joseph, Esq.
Wood, George, Esq. (Rochford)

STATICE BRASSICÆFOLIA, 30 Plants, 48 Applicants.

Bohn, H. G., Esq.
Burrage, Miss
Campbell, James, Esq.
Clutton, Mrs. J.
Finnis, Mr. Alderman
Godson, S. Holmes, Esq.
Gray, Mr. James,
Green, E. B., Esq.
Heath, D. D., Esq.
Herring, C. G., Esq.
Herring, G., Esq.
Hubbard, J. G., Esq.
Ivery, Mr. J.
Jacob, H. M., Esq.
Legh, G. Cornewall, Esq.
Leigh, J. S., Esq.
Luscombe, J., Esq.
McQueen, W. H., Esq.
Massey, T. H., Esq.
Moore, Thos, Esq.
Parry, T. G., Esq.
Porter, Miss Anne
Rigby, J. D., Esq.
Rogers, Mr. W. H.
Sandbach, W. R., Esq.
Scott, James, Esq.
Shrewsbury and Talbot, the Earl of
Stuart, Mrs. W.
Walker, H., Esq.
Woodd, Basil T., Esq., M.P.

BEGONIA FUCHSIOIDES, 20 Plants, 51 Applicants.

Allnutt, J., Esq.
Blanshard, Mrs. H.
Broke, Capt. Sir G., Bart.
Columbine, D. E., Esq.
Cox, Mr. J.
Good, J. H., Esq.
Hanbury, R., Esq., M.P.
Herring, G., Esq.
Lloyd, Charles, Esq.
Muggeridge, Sir. H.
Nash, D., Esq.
Parry, T. G., Esq.
Reeves, J., Esq.
Reeves, J. R., Esq.
Scott, James, Esq.
Sidley, Colonel
Stewart, H. G. Murray, Esq.
Stuart, C. Pole, Esq.
Vyner, R., Esq.
Walcot, Thos., Esq.

XL. REPORTS OF THE FLORAL COMMITTEE.

(*Continued from p. 233.*)

JUNE 28, 1860.—The Rev. JOSHUA DIX, *in the Chair.*

The Secretary reported the following further donation to the Experimental Department at Chiswick:—

Messrs. J. and C. LEE, Hammersmith: 13 varieties of Verbenas and 2 new Fuchsias.

The plants and flowers exhibited were the following:—

Athyrium Filix-fœmina *var.* **plumosum** (*Moore*):—from Messrs. STANSFIELD & SON, Todmorden. This is perhaps the most remarkable and beautiful form of hardy Fern yet known, not even excelled by the fine tasselled kinds which have now become common. Its chief peculiarity consists in the elegant cutting of the parts of the frond, producing a singular lightness of character, which has suggested the name *plumosum.* It was found in 1857 by Mr. J. HORSFALL, near Skipworth, in Yorkshire, and has been abundantly increased by Messrs. STANSFIELD. The fronds, on the plant exhibited, were upwards of 2 feet in height, broadly lanceolate in outline, and distinctly tripinnate. The pinnæ were nearly 6 inches long, and 2½ inches

in breadth, nearly parallel-sided with a shortish acuminate point. The pinnules were ovate acuminate, overlapping, divided down to the slender margined costa, into distinct, sometimes distant, secondary pinnules, half an inch long, linear in outline, inciso-pinnatifid, with narrow linear segments, the lowermost of which were unequally bifid or three-cleft with linear acute teeth. These ultimate divisions were so narrow and so numerous, that the fronds were especially remarkable for the plumy lightness and elegance of their character. The sori on this form are very imperfect, consisting of but few spore-cases, which are almost, if not quite, without indusia! and they are situated just at the sinuses of the narrow secondary pinnules at their anterior base, and at the tip of the basal anterior veinlets, which seem to be there nearly excurrent, so that they become almost davallioid. An indistinct membrane may be here and there traced in connection with the spore-cases, but nowhere a perfectly-formed characteristic indusium. The abnormal development of the fructiferous organs, evidenced alike by the paucity of spore-cases and the want of indusium, is no doubt, as in numerous other well-known cases, to be referred to the peculiar and excessive development and division of the leafy organs. The spore-cases, are nevertheless in this case, not abortive, young plants, quite true to their peculiar character, having been freely raised from the spores of the parent plant. It was awarded a FIRST-CLASS CERTIFICATE.

Dracæna indivisa:—from Mr. STANDISH, Bagshot. A young specimen of a very beautiful yucca-like plant from New Zealand. The leaves in this case were recurved, about 2 feet long, and nearly or quite a couple of inches wide, glaucous beneath, and having an orange-coloured midrib, and slightly divergent orange-coloured veins. It was awarded a FIRST-CLASS CERTIFICATE.

Gilia achilleæfolia, *var.* **alba**:—from Messrs. CARTER & Co., Holborn. A pretty variety of this useful species, having the flowers pure white. It was COMMENDED on account of the purity of its white flowers, which will render it useful for beds, where annuals are employed.

There were also exhibited, of this class of plants:—

Linaria macroura *var.* **splendida**:—from Messrs. CARTER & Co. A fine selected deep purple-flowered variety of showy character, and a very pretty addition to hardy free-flowering annuals, if it retains its depth of colour.

Gardenia radicans *var.* **fol. variegatis**: from Messrs. VEITCH

& SON, Exeter and Chelsea. An interesting dwarf bushy-habited free-blooming shrub, introduced from Japan, through Mr. T. LOBB. The leaves were narrow, lance-shaped, almost willow-like in character, somewhat sinuous or uneven at the margin, and irregularly edged with white. The flowers were white, and like those of the allied forms, deliciously fragrant. The green-leaved form of the species was, however, considered the more effective as a flowering plant, on account of the greater contrast between its darker foliage and the white blossoms; but this new striped-leaved variety will prove interesting to those who collect variegated plants.

Caladium sp.:—from Messrs PARKER & WILLIAMS, Holloway. This was the same kind as had been exhibited by Mr. R. WARNER on a previous occasion (p. 206), and had been received amongst Indian Orchids. It was not fully developed.

Mr. R. BULLEN, gardener to Dr. BUTLER, Woolwich, exhibited a well-grown plant of the rare *Phalænopsis rosea*, and also the very singular *Brasavola Digbyana*, both nicely bloomed.

Of Florists' flowers there were many beautiful novelties produced on this occasion:—

Pelargonium Perdita (*Foster*):—from Mr. TURNER, Slough. This was a compact, free-blooming variety, of vigorous habit, with large blossoms of excellent form, the upper petals deep maroon, with very narrow even border of rose; the lower ones rose suffused and marbled with crimson, and having a small maroon spot; the centre white. It was a beautiful variety, and was awarded a FIRST-CLASS CERTIFICATE.

Fancy Pelargonium Arabella Goddard:—from Mr. TURNER. This is one of the best varieties of this class yet produced, being of free habit, and a most profuse bloomer; the flowers were remarkably well-formed, smooth, and finely coloured, of a rich bright lake with a narrow edge of white, the centre also being white. It was awarded a FIRST-CLASS CERTIFICATE.

Pink, Mrs. Turner (*Maclean*):—from Mr. TURNER. This fine variety was awarded a FIRST-CLASS CERTIFICATE. The flowers were of full size, and of fine substance, the white pure, and the petals even, blotched and heavily laced with deep rose-purple.

Azalea Magnet:—from Mr. W. BARNES, Camberwell. This was a dwarf and free-blooming large-flowered variety, of good form and substance, and of a deep rosy salmon pink, marked on the upper segment with rose-purple spots. Mr. BARNES

described it as "a very free-blooming hardy kind; the plants which had been kept in a cold pit through the winter, having been on several occasions frozen," and yet this had not injured their blooming, as the small sized plants were crowded with flowers. It was COMMENDED as a fine variety for all decorative purposes.

Verbena, Fairest of the Fair :—from Mr. G. SMITH, Hornsey Road. A variety of vigorous habit, with fine trusses of pure white flowers, having around the compact eye a ring of purplish rose-colour. It was COMMENDED as a desirable new kind.

Calceolaria canariensis :—from Mr. G. SMITH. A shrubby variety, of dense compact habit, and a very abundant bloomer. The flowers were comparatively large but with a closed mouth, bright yellow, and produced freely in large compact heads. The foliage was of moderate size. It was COMMENDED as a fine variety in this class of decorative plants.

Pelargonium Modesty (*Beck*) :—from Mr. TURNER. A sturdy free-blooming plant, bearing fine large trusses of very attractive flowers, which are white, with a small compact dense blotch or spot of maroon on the upper petals. It is a highly ornamental kind, not however quite perfect as a florists' flower; but it was COMMENDED for its decorative qualities.

The following were also exhibited :—

Pelargoniums :—Besides those already mentioned, there were many excellent varieties which were not rewarded as florists' flowers on account of their having too close a resemblance to some of the finer varieties of last year, but all of which were in the highest degree ornamental. They consisted of the following kinds, and were all exhibited by Mr. TURNER :—**Garibaldi** (*Foster*) a very large and excellent flower, the upper petals dense maroon, with a distinct rosy belt, the lower rich rose pink dashed with crimson, the eye white. **Rosa Bonheur** (*Foster*) dark clouded upper petals irregularly edged with scarlet, lower petals light scarlet, whitish towards the base; a beautiful flower, but considered too near Lord Clyde. **Psyche** (*Foster*) very large, dense maroon upper petals edged with light rose, the lower light mottled rose-pink, with white centre. **Norma** (*Hoyle*) a bold flower clouded with maroon on the crimson-edged upper petals, the lower petals rosy carmine, with indistinct spot and white base. **Mrs. Benyon** (*Hoyle*) very large and showy, the upper petals maroon passing off towards the edge into crimson and rose, the

lower petals rich rose-pink dashed with crimson veins and having a small maroon-crimson spot, the centre white. **Beauty of Reading** (*Hoyle*) something in the way of *Perdita*, but inferior in habit as shown; the flowers were however very beautiful. **Rosa Bonheur** (*Hoyle*), a large rich and showy flower of a distinct deep rose-colour, the upper petals very dark and margined with rose, the lower ones marbled with crimson, the centre white. **Lady Taunton,** blush-white lower petals, the upper ones of the same colour at the edge and having a dark clouded spot passing into crimson veins; in the style of *Ariel* but darker and richer in the spot. Mr. TURNER also exhibited cut blooms of several named sorts for comparison.

Verbenas:—from Mr. G. SMITH: **Nemesis,** a fine variety of good properties, the truss being well formed, the pips large with rounded segments of dense substance, and having a compact close eye, the colour rosy scarlet; the habit of the plant is robust; there was only one truss of bloom. **Calypso,** a very free-flowering dwarf variety, well adapted for ornamental purposes, being of a showy character, and of excellent habit; the flowers were very large, flat, and well formed, rich rosy crimson; the trusses also were well developed. **Cato,** blush-pink, with deep red ring around the eye. Mr. SMITH also exhibited a box of 24 named varieties for comparison.

Gloxinias, erect-flowered varieties:—from Messrs. MILNE & Co., Vauxhall: **Gem,** a bright rose-crimson, paler towards the edges, and having a creamy throat; it was considered as likely to prove a useful variety when more vigorously grown. **Mary,** white, with purple throat and spotted at the base of the tube; an effective variety. **Mrs. Burnett,** white, with purple mouth and white throat. **General Garibaldi,** violet-purple, paler at the edge, throat white. **Frederic Gye,** pale violet-blue, white throat. **Violacea,** light violet-purple, white throat. **Mrs. Hatton,** light rose-pink, with paler edges and creamy throat. **Delicata,** white, with blotched pink mouth and creamy throat.

July 12.—JOHN JACKSON BLANDY, Esq., V.P., *and afterwards* The Rev. JOSHUA DIX, *in the Chair.*

The subjects brought under the notice of the Committee on this occasion were the following:

Gleichenia furcata:—from Mr. R. SIM, Foot's Cray. This was a fine and very distinct species of *Gleichenia*, which had been imported from Jamaica in 1859. It is one of the

Mertensia group, and produces dichotomous branches which are of a narrow elongate lanceolate outline, and deeply pinnatifid with linear obtuse segments, more or less pubescent beneath. It was considered as a plant of decidedly novel and meritorious character, and was awarded a First-Class Certificate.

Gleichenia rupestris:—from Mr. R. Sim. This was a magnificent specimen of one of the rarest of this interesting genus of ferns. It is a plant of sturdy habit, with forking stems and branches, the ultimate branchlets being pinnatifid, with small rounded or squarish segments, thickened at the margins, and glaucous beneath. The plant had been obtained from Port Jackson in 1858. It was awarded a First-Class Certificate as an ornamental fern of the highest order of merit.

Gleichenia semivestita:—from Mr. R. Sim: a fine fern, related to *G. microphylla*, but of larger and more vigorous growth. It had been imported from New South Wales in 1859, and was awarded a First Class Certificate. The stems and branches of this species are dichotomously forked, and the ultimate branchlets bear little roundish segments along the stellately-hairy rachis.

Polystichum triangulum, *var.* **laxum**:—from Mr. R. Sim: a very pretty tufted-growing fern, raised from spores received from the West Indies. The fronds are narrow, linear, spreading or flaccid, with small sharp-pointed triangular or subtrapeziform pinnæ, having a few large spiny recurved segments at the base, one or two of which in the lower pinnæ are quite separated. It may be compared to *P. triangulum*, which it resembles, but has more divided fronds; and is doubtless the variety *laxum* referred by Sir W. J. Hooker to that species. It was considered worthy a First-Class Certificate.

Caladium Wightii (*Moore*):—from Messrs. Osborn & Sons, Fulham. This was a small specimen of a very handsome new species, which has been seen of a somewhat larger size at some of the recent exhibitions. It was of the habit of *C. bicolor*, and apparently attaining about the same size; the leaves rich green, moderately dotted or flecked with angular spots of clear white, others of a bright red being intermixed with them. The contrast between the three colours in the leaf, had a very beautiful effect. It was awarded a First-Class Certificate.

Cypripedium Dayanum:—from Mr. Stone, gardener to J. Day, Esq., Tottenham. This was Commended as a desirable and well-marked form of Lady's Slipper. The leaves very dis-

tinctly spotted or blotched with patches of very pale green and deep sap green, occupying alternating oblong spaces between the longitudinal veins. The flowers were large, on a hairy scape; the sepals white, with green veins, hairy externally, and fringed with short purple hairs along the margin; the petals linear-oblong, obtuse, dull purplish tinged with green, ciliated with long purple hairs; while the lip was large brownish-purple, with a dull opaque surface, and a few purple warts near the base. It was stated to be a native of Borneo.

Lastrea deltoidea:—from Mr. R. Sim: an erect-growing fern, with stiff fronds standing up around the crown. These fronds were pinnate, the pinnæ in the upper half being lengthened out to a narrow point, and pinnatifid, the rest in the lower part of the frond being small and obliquely deltoid. It is a plant of distinct character, and was Commended.

Nephrodium molle, *var.* **polydactylum**:—from Mr. R. Sim: a curious sport which has been raised along with the fine crested variety known as *corymbiferum*. It differs from that plant in having the points of the pinnæ spread out into a small tuft of flat segments, instead of being dilated and crispy. It was Commended as a distinct and curious plant.

In this class of subjects there were some further exhibitions:—

Gleichenia, near *Speluncæ*:—from Mr. R. Sim. This was hardly enough advanced, and was therefore passed over for the present. The plant had been imported in 1859 from New South Wales, and was in general habit like that known in gardens as *G. Speluncæ.* In this however the rachis was quite smooth, so that it will perhaps prove to be the true *Speluncæ*, while that which already bears this name in gardens may be a glaucous-leaved variety of some other kind. A plant of the latter was sent for comparison.

Litobrochia (*areolata*):—from Mr. R. Sim: a plant raised from spores received from India. It appeared to be a fern of moderate size, the fronds being about two feet long, with pinnate-pinnatifid fronds, the lowest pinnæ of which are bipartite; the segments of the pinnæ falcate, bluntish, and rather distant. The fronds were proliferous on the rachis, and remarkable for the large areoles along both the costæ and costules. The fructification was pteroid, and the venation that of *Litobrochia.* It is diverse in character from other garden species, and apparently distinct from those previously described, but as it may not have

reached its full development, the name here employed is merely provisional.

Athyrium foliolosum:—from Mr. R. Sim. This, which had also been raised from Indian spores, was an elegant bipinnated species, with a lax spreading habit, and will form a nice addition to large collections of this family.

Pteris quadriaurita:—from Mr. R. Sim: the plant produced was one of the forms referred to this species. It had been raised from Indian spores.

Pteris cretica, *var.* **prolifera**:—from Mr. R. Sim. This was a dwarf-looking plant, resembling a somewhat depauperated *cretica*, and proliferous on the costæ of the pinnæ. Mr. Sim stated that the primordial fronds in this form are streaked like those of *P. aspericaulis*, differing only in being narrower; this marking had however disappeared.

Cypripedium purpuratum, *var.* **obscurum**:—from Mr. Stone, gardener to J. Day, Esq. Imported from Borneo. The plant had faintly blotched leaves, notched at the end with a spine-like central tooth. The flowers were rather small, the scape villous, the sepals green, veiny, and ciliated with short uncoloured hairs; the petals glabrous, fringed with short ciliæ, dotted with purplish warts below, purplish towards the tips, the lip olive-brown. It was thought to be inferior to several other kinds of similar aspect already in cultivation.

Dianthus chinensis laciniatus: — from Messrs. E. G. Henderson & Son, St. John's Wood: several plants showing various shades of crimson in the flowers were produced. These were single, as in *Heddewigii*, which they much resembled, except that the margin was more deeply notched.

Phlox Drummondii Queen Victoria:—from Messrs. E. G. Henderson & Son: a flesh-coloured variety, with a distinct rose-coloured eye.

Tropæolum Miss Nelson:—from Messrs. E. G. Henderson & Son. Described as a valuable new dwarf variety, adapted for bedding, having the flowers of an orange-scarlet. It was regarded as inferior to the variety called *Brilliant*.

Begonias:—from Mr. Squibbs, gardener to Mrs. Turner, Rook's Nest, Godstone: **Great Eastern,** a large-leaved showy variety, in the way of *B. Rex*, having a green centre, and a greyish zone, exterior to which, and within the brownish-tinted margin, is a portion coloured bright green; the hairs on the young stalks were richly coloured, being of a bright crimson. **Mrs. Turner,**

dwarfer, nicely silvered between the principal veins in blotches, which are broken up into dots towards the edges. **No. 1,** dwarfer, very dark dull green, with grey zone. **Mrs. Staniforth,** a variety of *rex*-like character, but not fully developed. They were all considered to be wanting in distinctness from others already in cultivation.

Among Florists' flowers the most remarkable were:—

Pink Beautiful:—from Mr. TURNER, Slough. Awarded a FIRST-CLASS CERTIFICATE as an extra fine and distinct variety. The flowers were of average size, very smooth on the edge, well marked, the lacing being heavy rosy purple, and the blotch distinct.

Verbena Cruor:—from Mr. G. SMITH, Hornsey Road: a showy variety, apparently of good habit, the flowers large and well-formed, of a bright crimson-scarlet, having a light eye, and produced in bold trusses. It was COMMENDED.

Petunia Eclipse:—from Mr. G. SMITH: a handsome decorative variety, of which cut-flowers only were exhibited. These were very large, measuring three inches across, with broad overlapping wavy segments, and very effectively marked. The colour is a mauve purple, forming sometimes five broad bars radiating from the centre, two or three of these being at other times confluent into a large purple blotch, while the rest of the surface is veined with mauve on a white ground. It was COMMENDED as a fine decorative plant.

Pelargonium (*zonale*) **Princess of Prussia**:—from Mrs. CONWAY, Earl's Court, Old Brompton: a neat habited variety, with faintly horse-shoe-marked leaves, but having bold dense clusters of flowers, in the way of *compactum*, mounted on long footstalks above the foliage; the flowers are of a light scarlet, and form large compact showy trusses, which open to the centre. It was thought worthy of COMMENDATION.

Verbena Grand Eastern:—from Messrs. J. WOODS & SON, St. John Street, Woodbridge, Suffolk. These were cut blooms of a very fine variety, which was COMMENDED. The trusses were large, broad; the flowers of a deep rose-pink, becoming darker around the eye, which is whitish; the individual flowers measured an inch in diameter, and were of good outline and very sweet scented. It was considered a very fine variety, so far as the cut specimens could furnish evidence of its quality.

Delphinium Beauty:—from Messrs. J. & J. FRASER, Lea

Bridge Road, Leyton: a remarkably beautiful variety of *formosum*, having the sepals of the richest and brightest blue, and the petals pure white, with a small tuft of yellow hairs near the base. The contrast of the two colours was very striking, and the variety was thought deserving of COMMENDATION as an improved form of this handsome race of hardy herbaceous plants.

Gloxinia Lady Willoughby:—from Messrs. MILNE & Co., Vauxhall: a very large variety of the erect-flowered group, white with a rose-coloured mouth, the limb dividing into six or seven segments. It was COMMENDED.

Gloxinia Cygna:—from Messrs. J. & C. LEE, Hammersmith: a pure white-flowered variety of the class having drooping flowers, and forming an effective plant for grouping. This also was COMMENDED.

Besides these, the following subjects were submitted:—

Gloxinias:—from Messrs. MILNE & Co.: **Magnet,** a fine rich rose-pink, passing to crimson towards the mouth, which is stained with purple; a very handsome variety, but thought too much like another *Magnet* already in cultivation. **Rosy Gem,** white, with pink mouth. **Annie,** white, with purple mouth. **Reuben,** similar in style to *Magnet*, but not so rich in colour. **Negress,** a drooping variety, of a dull violet colour.—From Messrs. J. & C. LEE: **Commixta,** white, with blotched rose-coloured mouth, suffused with purple.

Calceolarias:—from Mr. COLE, St. Albans: **Queen of Yellows, Cleopatra, Aurea Multiflora, Cloth of Gold, Solfaterre, Compacta,**—a series of shrubby compact-habited free-flowering handsome kinds, considered to resemble too closely the varieties known as *aurea floribunda* and *Yellow Prince of Orange*. The two first named were considered the best of the series.—From Mrs. CONWAY, Brompton: six varieties of shrubby habit, but inferior in quality; they were called **Alba floribunda, Golden Superb, Exquisite, Garibaldi, Queen of Yellows,** and **Crimson Perfection.**

Verbenas:—from Mr. G. SMITH: **Titania,** blush, with rosy-purple eye; free-flowering and pretty. **Chancellor,** a large and showy flower, rosy crimson, with close straw-coloured eye.

Fuchsias: from Messrs. J. & C. LEE: **Jessie Douglas,** a showy variety, of free-blooming habit, with light coral-coloured recurved sepals, and a purple corolla. **Crinoline,** a showy kind, the sepals reflexed, dark coral red, the corolla purple.

Rose devoniensis:—from Mr. R. H. POYNTER, Taunton. The flowers of this variety were accompanied by others of *Lamarque*, and of a supposed sport from *devoniensis*, as explained in the following letter:—

"Herewith I send blooms of a new Rose, a sport from a bud of *R. devoniensis*, inserted on a Banksian. Unfortunately they are not so good as some of the blooms have been. I also send a branch, by which it will be seen it has much of the character in growth, &c., of *R. Banksiæ*, as also its early-flowering property, being always in bud at the time the Banksian stock is in flower. There is also a great number of flowers in a cluster, all of which open perfectly. It seems like *R. Lamarque*, but is very distinct from it; the flowers are earlier, and every bud on a cluster opens while in growth; it is so much like *R. Banksiæ* and more perpetual than *Lamarque*. I send specimens of that Rose grown near it for comparison; a flower of *R. devoniensis* from the bud from which it grew, and of which it took precedence; also branches of the Banksian stock."

The flowers sent were considered to be those of *Solfaterre;* and the known tendency of *R. Banksiæ*, when employed as a stock, to alter the character of other roses worked upon it, having been adverted to, the Committee came to the conclusion that the specimens exhibited by Mr. POYNTER were those of *Solfaterre*, modified in character by their having been grown on the Banksian stock.*

Pelargoniums:—from Mr. TURNER: **Lady Taunton,** this has been already referred to at p. 243. It is a showy and attractive light-coloured variety for decorative purposes.—From E. BECK, Esq., Isleworth: **Transcendant,** a richly-coloured flower, the upper petals dark maroon, with a narrow edge of crimson, the lower clouded crimson. **Mulberry**, rose colour, with a bluish-tint, having dark maroon upper petals, edged with rose. These were both showy and attractive flowers, and appeared of good quality, but were passed over as being out of condition, there not being a sufficient number of blooms remaining on the plants. **General Garibaldi**, rose-pink, spotted on all the petals, and **Christabel**, also a rose-pink, were not equal to the foregoing. **Nymph**, a seedling of 1860, and therefore excluded from criticism by the regulations of the Committee, was a white, with a moderate-sized dark blotch on the upper petals, the blotch edged with crimson; as shown, it was very pretty, and a promising variety.

Fancy Pelargoniums:—from Mr. WIGGINS, gardener to E.

* It appears however from a sketch subsequently published in the 'Gardener's Chronicle,' that the branches bearing the two kinds of flowers spring from the same point; and it is suggested that this is a case similar to that of the Purple Laburnum.

Beck, Esq. : **Hebe** and **Excellent**, two light-coloured varieties of 1860.

Pelargonium (*zonale*) **Snowflake** : — from Mr. Windsor, gardener to G. A. Crawley, Esq., Highgate : a dwarf and free-blooming horse-shoe-leaved variety, bearing pretty blush-white flowers.

Petunia Brilliant : — from Mr. Fry, Homerton : a large deep rose-purple.

Pinks : — from Mr. Turner : **Winsome** (*Maclean*) a fine and full flower, with broad smooth petals, and heavy lacing of reddish-purple ; it was reported to be a very constant variety. **Annie** (*Maclean*) a fine variety, with large smooth petals, and broad red lacing. **Scarlet Gem** (*Maclean*) a very distinct variety, having, when young, the lacing very bright in colour ; the flowers were full, the petals large, the lacing heavy, and in the more mature state of a light reddish-purple.—From Mr. Keynes, Salisbury : **Perfection,** light purple lacing. **Regulator,** reddish-purple lacing. **Glory,** finely marked and bright in colour. **Fanny Keynes,** broad petals, reddish-purple lacing. These were flowers of good average properties. From Mr. G. M. Thurston, gardener to H. E. Gurney, Esq., Nutfield : **Empress of India,** a well-marked red-laced variety.—From Mr. G. Wood, Rochford : various double-flowered unnamed varieties, some of them large, and showy as border flowers. They were accompanied by a small red Pink, not sent in a condition to judge of its merits, concerning which the following particulars were furnished :—

"The small red Pink came up with some seed pinks sown by me four years ago. The seed was saved from plants growing next a bed of Indian or China Pinks, and the plants appear to me to be a cross between the small early Surrey pink and one of them. All the others were of the ordinary character, but this being so remarkably different was planted by itself, and it has continued to bloom ever since, the original plant having remained, and being now in vigour, with fourteen flowers, similar to those sent. It is certainly very conspicuous and striking. I have raised hundreds of Pinks, and China ones too, but never found one so showy."

XLI.—REPORTS OF THE FRUIT COMMITTEE.

(*Continued from p.* 222).

June 26, 1860.—Mr. C. Edmonds, F.H.S., *in the Chair.*

This was a special meeting held at the garden at Chiswick.

LETTUCE.—From Mr. Edmonds, a remarkably well-grown specimen of the **Alphange,** which weighed 4½ lbs. This is a

large growing French variety of the Cos race, which hearts well, and is slow to run to seed; but in flavour and in texture it is inferior to the Paris Cos, or London market varieties. On these grounds it was not considered a desirable variety to introduce into cultivation.

CUCUMBER.—From Mr. BUSBY, two large Cucumbers without name, grown in the garden of Lord Sherburne, Sherburne Park, Gloucestershire; they measured 25 inches in length.

PEAS.—The Committee then proceeded to the examination of the Early Peas grown for trial in the garden, and after fully comparing the varieties which were in a sufficiently advanced condition, they unanimously agreed that the earliest variety of all was **Dillestone's Early,** received from Messrs. HURST and M'MULLEN; that *Carter's Earliest, Isherwood's Railway, Sutton's Champion,* and *Early Washington,* were the same as **Sangster's No. 1**; that *Hopp's Pea* was the same as **Danecroft Rival**; and that *Sebastopol* and *Early Kent* was the same as **Emperor.**

July 10.—F. J. GRAHAM, Esq., *in the Chair.*

At this meeting the following prizes had been offered :—

STRAWBERRIES.

For the best collections of new or little-known varieties, not less than 12 fruits of each—20*s*. and 10*s*.

For the best collections of older varieties, not less than 1 lb. of each—20*s*. and 10*s*.

For the best Seedling—20*s*.

Mr. TURNER, Slough, was the only exhibitor in the class for new varieties, and his collection received the *First Prize.* It consisted of the following sorts :—*Oscar, Adair, Jeyes' Wonderful, Wizard of the North,* and *May Queen.*

Mr. TURNER was also the only exhibitor in the class provided for older sorts, and his collection received the *First Prize.* It consisted of *Elton Pine, Filbert Pine, Sir Charles Napier, Rivers' Eliza, Admiral Dundas, Black Prince, Sir Harry, Myatt's Eliza, Carolina Superba, Ingram's Prince of Wales,* and *Trollope's Victoria.* From the unusual lateness of the season and the great want of sun, the flavour of the different varieties was very inferior to what they usually exhibit in more favourable seasons. All possessed a greater or less amount of acidity, and came short of these qualities which are requisite to constitute good fruit.

They were, however, admirably grown, and several of the kinds were even larger than the size they generally attain.

There were seven kinds exhibited in competition for the Seedling Prize, namely:—

Blackbird:—from Mr. INGRAM, Frogmore. The fruit of this was large, conical or wedge-shaped, even and regular in shape like *Filbert Pine;* skin of a uniform dark bright and shining red, the seeds being rather deeply embedded; flesh firm and solid throughout, of a pale scarlet colour, but slightly hollow at the core, juicy, and richly flavoured. This received the *First Prize*, and also a FIRST-CLASS CERTIFICATE.

Prince Arthur:—raised by Mr. INGRAM, Frogmore, and exhibited by Messrs. J. & E. SMALL, Colnbrook, and Mr. BRAGG, Slough. The fruit was about medium size, conical and regularly formed, without any tendency to assume the crested shape; skin uniform bright-red and glossy; seeds small and not deeply embedded; flesh pale, firm, and solid, very juicy, briskly and richly flavoured. Those sent by Mr. BRAGG were decidedly superior in flavour to those of Messrs. SMALL, who also exhibited a plant in a pot completely laden with fruit, and which fully confirmed the statement of Mr. Small, made at the meeting of the 12th of June. This received a FIRST-CLASS CERTIFICATE.

Black Dwarf:—from Mr. HALLY, Blackheath. This was raised from *Keens' Seedling*, impregnated with *British Queen.* The plant, which was exhibited in a pot, was of very dwarf habit, the leaves being on short footstalks, and of a dark green colour. The fruit was well supported on the scapes, and produced in considerable quantity; berries of the largest size resembling British Queen in shape, but colouring better than that variety; flesh pale and rather hollow at the core, possessing somewhat of the flavour of British Queen. This seemed a promising variety, but there was too great a predominance of acidity. The plant was apparently very hardy, and a compact grower.

Highland Mary:—from Mr. CUTHILL, Camberwell. The fruit was above medium size, almost round, of a dark-red colour, becoming very dark as it ripens; seeds small and deeply embedded; flesh pale-scarlet, solid, but very hollow round the core, and very acid.

Richard the Second:—from Mr. CUTHILL, Camberwell. Fruit above medium size, conical, and frequently showing a tendency

to the cockscomb shape; skin dark red; seeds small, not deeply embedded; flesh white, rather hollow at the core, briskly and agreeably flavoured.*

Myatt's No. 14:—from Mr. Myatt, Deptford. This was of the *British Queen* race, and bore considerable resemblance to that variety in size, shape, and colour, but it was rather too acid. It was, however, a promising variety.

Myatt's No. 15:—from Mr. Myatt. Fruit large, ovate, and very frequently cockscomb shaped; skin pale bright red; flesh solid throughout, white, but very acid.

Mr. Robertson, Linside, near Paisley, sent three plants of **Wizard of the North**; one of these was of a very large size, and bearing a large number of fruits, all of which were unripe and not fully grown. The fruit of the same variety exhibited in Mr. Turner's collection, was about medium size, roundish, even and regular in shape, and bearing some resemblance to *Keens' Seedling* in shape and colour. The flavour in some of the specimens was good, but in others inferior.

GRAPE—From Mr. Standish, Bagshot: a small bunch of a Seedling raised by Mr. Ingram, Frogmore, accompanied by the following letter:—

"I herewith send you a seedling Grape which was raised by Mr. Ingram of the Royal Gardens, Frogmore, from a seedling Black Grape fertilised by the *Muscat of Alexandria*, which I shall call **Ingram's Hardy Prolific Muscat**, and which I have no hesitation in saying is the most prolific and the best setting variety of grape I ever saw, and very hardy in constitution. The specimen sent is from a plant raised from cuttings taken in May, 1859, from a growing plant which Mr. Ingram gave me, and which, when started in January last, although not bigger than a straw, yet showed fruit at every eye. I send this small specimen just to draw the attention of the Fruit Committee to it, and on the 30th I will send some more, rather better and riper, but it cannot be expected out of such materials that I can this year show any fine bunches. The Committee will, however, be able to form an opinion of its excellent qualities, and next year I hope to show it in a better condition. One thing I venture to say, however bad the gardener may be, he cannot fail with this grape to have a crop of some kind or other, as it is so easy of culture. The seed which produced this plant was sown in January 1857, and in July 1858 the seedling plant had nine bunches of grapes on it. It ripens quite as early as the *Black Hamburgh*, if not earlier, and in a lower temperature; and for forcing and for pot culture it has no equal. It has all the vinous quality of the *Black Hamburgh*, and when fully ripe acquires a delicate subdued muscat flavour. I am growing a quantity of plants, and next year I shall be able to show it at every Metropolitan Fruit Show."

* The samples exhibited of this variety, and of the preceding, had by some accident been misnamed, the name attached to the one kind belonging to the other: the descriptions, which were partly printed before this mistake was discovered, require therefore to be transposed.

This grape, as exhibited, produced a bunch nine inches long, narrow and tapering, very well set, without shoulders. In the shape of the bunches and berries it bears a strong resemblance to *Black Prince*, but the berries are not so large as in that variety; they are perfectly oval, the skin quite black, covered with thin bloom; flesh firmer than that of *Black Hamburgh*, very juicy, the juice rich and sprightly, with a slight muscat flavour. The opinion of the Committee was reserved till the next meeting, at which the variety was to be exhibited in better condition.

MELON.—From Mr. W. P. AYRES, Orchardleigh Gardens, near Frome: a Seedling called **Hybrid Cashmere**, which is of a long oval shape, 11 inches in length, and of a pale green colour. The flavour was good, but it was considered not to differ materially from the *Beechwood*.

PEACH.—From Mr. MITCHELL, Escrick Park Garden, near York: a dish of what was supposed to be a Seedling raised at that place. This fruit had all the appearance of the *Bellegarde;* and was not possessed of any merit to recommend it as a new variety.

LETTUCE.—From Messrs. CARTER & Co., Holborn: specimens of a Lettuce, which they propose to call **Carter's Champion.** It was not considered to be a variety worthy of general cultivation, being large and coarse, and producing too many outside leaves. It was moreover thought to be the same as the **Black-seeded Alphange.**

July 17.—Mr. C. EDMONDS, F.H.S., *in the Chair.*

The Committee met at the Garden, and proceeded with the examination of the **Peas.** It was found that the variety grown as *Flanagan's Early* was the same as **Ringwood Marrow**; *Wonder,* and *Cotterell's Wonder*, the same as **Dickson's Favourite**; *Tom Thumb*, *Beck's Gem*, and *Royal Dwarf* (Turner), the same as **Pois nain hâtif extra**; *Paul's Prolific*, the same as **Victoria Branching**; *Excelsior*, *Paradise Marrow*, and *Stuart's Paradise*, the same as **Champion of Paris**; *Gibbs' Defiance*, the same as **Victoria Marrow**; *Prizetaker*, and *Rising Sun*, were good stocks of **Bellamy's Early Green Marrow**; *Rollison's Victoria*, *Flanagan's Imperial*, *Norfolk Marrow*, *Great Britain*, *Thorne's Royal Britain*, *Green's Superb*, *Shanley Marrow*, *Ward's Incomparable*, *Oxford Tom*, and *Cotton's Leviathan*, were all the same as **Tall Mammoth**; and *Carter's Victoria*, the same as **British Queen.**

STRAWBERRY.—Mr. R. WRENCH exhibited a few fruit of **Myatt's Pineapple.** The fruit were small and conical, of a bright red colour, and with a strong pine flavour and aroma. This is well known to be very difficult of cultivation, and hence plants of it have become exceedingly scarce. Through the kindness of Mr. WRENCH, who has presented plants to the Garden, it is hoped that an opportunity will be obtained for bringing this excellent variety again into cultivation.

July 25.—Mr. W. J. NUTTING, F.H.S., *in the Chair.*

The Committee met again at the Garden, to proceed with the examination of the collection of **Peas.** It was now found that the sorts sent as *Denyer's Early Prolific Green Marrow*, *Suttons' Berkshire Hero*, and *Garbutt's Amazon*, were the same as **Tall Green Marrow**; *Stradsett Marrow*, the same as **Matchless Marrow**; *Fairhead's Excelsior*, the same as **Climax**; and *Waite's King of the Marrows*, *Monarch*, *Epps' Monarch*, and *Competitor*, the same as **Tall Green Wrinkled Mammoth.**

Among **Cucumbers,** the following synonymes were detected: *Butler's Extra Fine Frame*, the same as **Manchester Improved**; *Godfrey's Black Spine*, *Hamilton's Surprise*, *Henderson's A.* 1 *House*, *York New Prolific*, *Slipper's Antagonist*, *Turner's Favourite*, and *Ward's Great Western*, the same as **Manchester Prize**; **Carter's Champion,** *Cuthill's Highland Mary*, and *General Canrobert*, were the same; *Lynch's Star of the West*, *Kiplin's Black Spine*, and *Monro's Prolific*, were the same as **Sion House Improved**; *The Wonder*, and *Robinson's White Spine*, were the same as **Sion House**; *Captain Lorrain's*, *Infant*, *Market Prolific*, and *Pride of Scarborough*, were the same as **Champion of England**; *Cheltenham Surprise*, *Clapham Defiance*, and *Hunter's Prolific*, were the same as **Godfrey's White Spine**; *Garaway's Wonder*, *Sunderland Witch*, and *Webb's Imperial*, the same as **Sir Colin Campbell**; *Kelway's Perfection*, *Kelway's Hybrid Perfection*, the same as **Kelway's Defiance**; *Judd's Frame*, the same as **Kelway's Prolific**; *Hamilton's Hero of Thornfield*, the same as **Ipswich Standard**; *Himalaya*, and **Minster Abbey,** the same; *Masters's Viridissima*, and *Wild's No.* 2, the same as **Mills's Jewess.**

July 31.—F. J. Graham, Esq., *in the Chair.*

This Meeting was held at 8, St. Martin's Place. The following prizes had been offered:—

Peach, Nectarine, Apricot, Plum, Pear, and Apple: for the best new early variety, respectively, 20*s.* each. Red Raspberries: for the best collections, to be exhibited in the clusters, and to be accompanied by a fruit-bearing cane of full length, 20*s.* and 10*s.* White Raspberries: for the best collections, exhibited as the Red, 20*s.* and 10*s.* Red Currants: for the best collections, one dish of each variety, accompanied by a shoot of the same, bearing leaves, 20*s.* and 10*s.* White Currants: for the best collections, exhibited as the Red, 20*s.* and 10*s.* Gooseberries: for the best dish of any variety, combining size and flavour, to be accompanied by a shoot of the same, bearing leaves, 10*s.*

GOOSEBERRIES.—In consequence of the ungenial season, the Gooseberries were the only fruits sent for competition, and of these there were only two exhibitions. Messrs. Meyers & Son, of Boston Road, Brentford, sent a basket of **Companion.** This was of the largest size; the greatest weight to which it has been grown being 25 dwts. 2 grs. It was of a roundish oval; skin hairy, of a brownish-red colour next the sun, but paler with a greenish tinge on the shaded side, rather thin, and somewhat transparent; the flavour was particularly fine, partaking a good deal of that of a plum.—From Mr. Graham, of Cranford: baskets of **Crown Bob, Rifleman,** and **Beauty of England,** all of which were fine specimens of their respective sorts, but not sufficiently ripe. The Committee unanimously awarded the *Prize* to Messrs. Meyers, for *Companion.*

PINEAPPLE.—From Mr. Thompson, gardener to the Earl of Stamford and Warrington, Enville Hall: a seedling raised at Enville by the late Mr. Aiton. Mr. Thompson stated in his communication that he had no record of its parentage. The fruit was a very good specimen, but had been kept rather too long. In the opinion of the Committee it did not differ materially, if at all, from the *Queen*, and was not an improvement on some forms of that variety.

GRAPES.—From Mr. Whiting, of the Deepdene: a large and very handsome bunch of the **Buckland Sweetwater**, which

was shouldered and well set, and the berries large, but it was not sufficiently ripe, and the flavour was not so rich as it has been found to be on former occasions when exhibited before the Committee.—From Mr. STANDISH, of Bagshot: two bunches of **Ingram's Hardy Prolific Muscat**. These were larger and more heavily shouldered than those exhibited at the Meeting on July 10th, and much more highly ripened. The flavour was found to be rich and sprightly, with a slight trace of the muscat in it. The Committee unanimously awarded it a FIRST-CLASS CERTIFICATE.

STRAWBERRIES.—From Mr. INGRAM, of Frogmore: a Seedling called **Frogmore Late Pine**, the fruit of which was very large, conical, and cockscomb shaped; the seeds were numerous and not deeply imbedded; the skin glossy bright red, becoming very dark and almost black when fully ripe; flesh tender and very juicy, red throughout, richly flavoured, and with a good deal of the pine aroma in the ripest fruit. This was considered a very excellent variety, and was awarded a FIRST-CLASS CERTIFICATE.—From Mr. WILLIAM CULVERWELL, of Thorpe Perrow, near Bedale: a Seedling called **Sanspareil.** This is the same variety as that exhibited on July 12th, 1859 (see p. 64). From the number of scapes laden with fruit, all of which Mr. CULVERWELL stated were produced by one plant, it appeared to be an abundant bearer. The fruit had very much distinctness of character about it, and was of a medium size, of a long conical shape, and very uneven and furrowed, rarely assuming the cockscomb shape; the skin very dark red, becoming almost black when ripe; the flesh remarkably firm and solid, red throughout, and very richly flavoured. It was considered a valuable late variety, and was awarded a FIRST-CLASS CERTIFICATE.—Mr. CUTHILL, of Camberwell, sent his Seedlings: **Highland Mary** and **Richard the Second**. By some mistake, the labels of these two varieties were misplaced at the Meeting of the 10th inst., and hence it is stated in the report (p. 252), that *Highland Mary* is almost round, and *Richard the Second* conical. The latter is, however, the round-fruited sort, being an improved form of *Black Prince*, to which it bears a considerable resemblance, but is of larger size. Mr. CUTHILL also exhibited baskets of *Black Prince* and *Princess Royal of England*; the latter an excellent variety, and an abundant bearer.

BEAN.—From Mr. JENNINGS, of Shipston-on-Stour: plants of a new **Dwarf Green-seeded** Bean, in the way of *Marshall's*

Prolific, and *Dwarf Cluster*. The plants throw up from the neck two three or more stems, which are thickly set with short pods, containing about three beans in each. With the exception of being novel, this did not attract particular notice.

CUCUMBER.—From Mr. TURNER, of Slough: two very fine fruit of *Turner's Favourite*, 21 and 23 inches long respectively. This variety has been proved in the Garden to be synonymous with **Manchester Prize.**

LETTUCE.—From Mr. HAWKINS, gardener to W. WHITING, Esq., Thorney Abbey, Peterborough: a large Cos Lettuce, which proved to be the true **Paris White Cos.**

XLII. REPORTS OF THE FLORAL COMMITTEE.

(*Continued from p.* 250.)

JULY 26, 1860.—JOHN JACKSON BLANDY, Esq., *and afterwards the* Rev. JOSHUA DIX, *in the Chair.*

The following plants and flowers were examined:—

Cordyline stricta, *var.* **erythrorachis** (*Moore*):—from Messrs. VEITCH & SON, Exeter and Chelsea. This was the Dracæna-like plant exhibited in a less advanced condition on November 10th, 1859, and noticed at p. 130. The plant was now much more developed, and had assumed a fine ornamental character. It was awarded a FIRST-CLASS CERTIFICATE. It has a very short stem, around which the broad grassy leaves are developed in a spiral manner. These leaves are about 5 feet long and 2 inches broad, tapering to a fine point, and gracefully arching; they have a broad crimson-red midrib, and the upper surface is also marked with a few slightly divergent pale reddish or orange-coloured lines, formed by the principal side veins. This bright red midrib is hardly developed in the earlier leaves, but becomes strongly marked as the plants acquire size and strength. It is a native of New Zealand, and will prove a greenhouse plant of remarkable beauty. It is a coloured-leaved variety of the species Dr. Hooker has described as *Cordyline stricta*, but quite distinct from the old *Dracæna stricta* of gardens.

Polystichum aculeatum, *var.* **corymbiferum** (*Moore*):—from Miss THOMPSON, Mount Radford, Exeter. A fine dwarfish hardy evergreen fern, with tasselled fronds. These fronds, in the

plant exhibited, were about 9 inches long, narrow lance-shaped, the apex dividing in a corymbose manner into a broad tuft of spiny confluent divisions, a good deal resembling the lobes of the leaves in some species of *Eryngium*. The pinnæ were short, with the lowest pinnule only distinct, and of the usual obliquely oblong form, the rest being decurrent, and having the points as it were cut off obliquely, while the upper ones, for half the length below the small crispy tassel, were confluent, and merely notched with spiny teeth. It is a very distinct form, and was awarded a FIRST-CLASS CERTIFICATE.

Tachiadenus carinatus :—from Messrs. VEITCH & SON. This handsome dwarf-growing suffruticose stove-plant was introduced from Madagascar by the Rev. W. Ellis. It is dwarf, neat, and branching in habit, producing four-cornered herbaceous branches, furnished with smooth ribbed ovate leaves in opposite pairs, and bearing the flowers freely in terminal fork-branched cymes; the flowers are salver-shaped, with a long slender white tube, and a broad unequally star-shaped limb of the richest purple. It was COMMENDED as a useful late-flowering stove-plant, of neat habit, likely to recommend itself to the notice of cultivators.

Linaria bipartita, *var.* **splendida** :—from Messrs. CARTER & Co., Holborn. A very fine and richly-coloured annual, flowering profusely, and continuing for a considerable time in bloom. The habit was erect, like that of the older forms, and the flowers were large, of a very rich deep purple colour. It was the same as that noticed p. 240 under the name of *macroura*, a false garden synonym of the present species, which has been also called *speciosa*. Messrs. CARTER & Co. stated that they had full confidence in its being fixed in character, as it had been carefully selected for the last seven years. This received a COMMENDATION.

Clarkia pulchella, *var.* **nana** :—from Messrs. CARTER & Co. This was a dwarf bushy-habited variety, exhibited under the name of *Tom Thumb*. Single plants taken up from the open ground formed a compactly branched mass, of about 8 inches in height and as much in diameter, profusely flowered, the flowers being of the rich purplish-rose colour of the best forms of this species. It was COMMENDED on account of its dwarf habit, which it was thought would render it useful for summer beds.

Various other interesting subjects of this class were produced, namely:—

Clarkia pulchella, *var.* **striata** :—from Messrs. CARTER & Co.

A very pretty variety, of the ordinary stature, in which the flowers were white, streaked and flaked with rosy-purple in a very elegant manner. Though exceedingly pretty, and likely to become a favourite with many persons, it was not thought sufficiently effective to be generally recommended.

Eucharidium grandiflorum, *var.* **album** :—from Messrs. CARTER & Co. A neat dwarf-growing blush-white variety, which may probably be useful where light colours are in request. It was however hardly enough advanced.

Eucharidium grandiflorum, *var.* **roseum** :—from Messrs. CARTER & Co. A blush-coloured variety, apparently rather larger than the foregoing, but more flushed with rose-colour.

Convolvulus tricolor, *var.* **monstrosus**, and *var.* **subcœruleus**:—from Messrs. CARTER & Co. Two forms of Convolvulus minor, the first very robust, with large and exceedingly rich deep purple flowers, but coarse in habit; the latter a very pale blue.

Lupinus nanus, *var.* **cœlestinus**:—from Messrs. CARTER & Co. A very pale grayish-blue, not at all attractive.

Lupinus Hartwegii, *var.* **persicus**:—from Messrs. CARTER & Co. A variety with the flowers of a dingy blush.

Dunnett's extra Purple Candytuft:—from Mr. DUNNETT, Dedham. This was a very fine variety of Candytuft, with flowers of the richest deep rosy-purple. The colour was greatly admired; but as it was stated that the same kind had been already brought into commerce, no award could be made to it.

Collinsia bicolor, *var.* **marginata**:—from Mr. MELVILLE, gardener to the EARL OF ROSEBERRY, Dalmeney Park, Edinburgh. This was a slight variety in which the coloured lobes of the lower lip were bordered with white on the inner side. Mr. MELVILLE also sent another inferior variety, called "New Blush," in which the flowers were of a blush-white.

Lælia xanthina:—from Messrs. JACKSON & SON, Kingston. A neat but not very showy orchid, from Rio Janeiro. It has pale yellow flowers, with a whitish lip streaked with red.

Caladium Wightii:—from Messrs. VEITCH & SON. This had been already adjudicated upon, and is noticed at p. 244. It is a handsome and effective kind.

Scutellaria Lindeniana:—from Messrs. VEITCH & SON. An erect-growing suffruticose stove-plant, with oblong elliptic acuminate leaves, narrowed but somewhat cordate at the base, and obscurely sinuate-toothed; the flowers, which grow in short

dense terminal raceme, are orange-scarlet, yellowish at the mouth, and have a slender curving tube 2 inches long. It had been obtained from the Continent.

Dianthus chinensis, *var.* **laciniatus**:—from Messrs. E. G. HENDERSON & SON, St. John's Wood. A selection of cut blooms of this very handsome plant, showing great variety in the colours of the flowers, as well as in their size and toothing. The largest were about 4 inches in diameter. The colours comprised rich crimson of various shades, deep blood-red, rosy-lilac with white bar, white with red eye, mottled white and purple, rosy-crimson, and mottled rose with dark centre. The plant is closely allied to *D. Heddewigii*, but is taller and more slender in habit, and has the segments of the flowers more deeply jagged at the end.

Capt. Clarke's Mule Pink:—from Mr. W. B. BOOTH. A very handsome fragrant semi-double bright rose-coloured Mule Pink, raised by Captain TREVOR CLARKE. It was stated to have been the produce of a florist's carnation, crossed with the pollen of one of Vilmorin's handsome large Indian Pinks. The result has been the production of a beautiful border flower, perfectly hardy, but requiring high cultivation, or it flowers itself to death. The leaves resemble those of a carnation, but are rather broader, and of a deep green. The flower-stems grow from 12 to 15 inches high, and are numerous, bearing a profusion of blossoms, on which account the plants are short-lived, and require to be renewed frequently, in the usual way, by 'piping.' Cut flowering specimens only were exhibited.

Plantago major, *var.* **monstrosa**:—from Mr. SALTER, Hammersmith. A curious plant, in which the bracts are developed into leaves, and the axis being somewhat elongated, these form a broad pyramidal leafy head instead of the usual erect tail-like spike. Another similar form sometimes met with, has the leafy tufts smaller and rosette-like.

Among Florists' flowers the greatest display consisted of Fuchsias, of which some handsome varieties were produced:—

Fuchsia Prince Leopold:—from E. BANKS, Esq., Deal. A very bold and striking variety, with large flowers, having stout red sepals of moderate length; and a violet-purple corolla, forming a broad expanded cup, the segments of which were concave, overlapping, and nearly 1½ inch across. It was awarded a FIRST-CLASS CERTIFICATE.

Fuchsia Lord Elcho:—from E. Banks, Esq. Another large-flowered and very handsome kind. Compared with the foregoing, it had rather longer sepals of a brighter red, almost scarlet, and the violet-purple corolla somewhat longer and less expanded. It is a very showy kind, and received a First-Class Certificate.

Fuchsia Minnie Banks:—from E. Banks, Esq. A fine, light-coloured variety, with large flowers, the sepals white, faintly tinged with blush, the petals rosy-purple. It was considered an improvement in this class of varieties, and was awarded a First-Class Certificate.

Fuchsia Garibaldi:—from E. Banks, Esq. A distinct variety, having short, broad, recurved, well-proportioned red sepals, and a fine pale corolla of a reddish slate-colour, giving it a very distinct appearance. It had the defect of a want of smoothness on the surface, but was Commended for its novelty of colour.

Fuchsia Negro:—from Mr. G. Smith, Hornsey Road. A very free-blooming and attractive sort, with bright red but rather narrow sepals, and a large expanded corolla of a deep rich reddish-purple. It was Commended as a useful variety on account of its free-flowering habit.

Verbena Lucy Tait:—from Mr. Cunningham, gardener to the Lord Bishop of London, Fulham. This was a very compact-growing variety of free-blooming habit, with small trusses of small-sized, lively bright rose-pink flowers, the chief merit of which was stated to consist in its habit, and its property of withstanding rain and rough weather. The plant and cut flowers sent were accompanied by the following memorandum:—

"I send a plant of my seedling Verbena, Lucy Tait, lifted from the bed in the flower-garden, so that it has had no nursing, but is sent in the natural state, and notwithstanding the great rain of Sunday and Monday last, it will be seen that the colour stands well. The habit is close; it flowers abundantly; and for small beds or edgings I think we have nothing better in its class. It is one of a batch of seedlings from *National*, and in point of colour is an improvement on *Bonnie Dundee*. Those gardeners who have seen it have admired it for its habit and abundant flowering properties. As regards what may be thought a want of size in the truss, I may state, that, after all, what we want in varieties for bedding purposes are good habit, profusion of bloom, and distinctness of colour; and in these respects I find this seedling invaluable."

The specimen sent was considered to bear out this statement, and the variety was Commended as being well adapted for small beds and edgings on account of its dwarf compact habit.

Variegated Pelargonium Meteor:—from Messrs. Parker &

Williams, Holloway. A dwarf-habited, free-growing variety, with flattish leaves, broadly margined with creamy white, and producing bright scarlet flowers. It was Commended for its excellent habit, combined with other good properties.

Pelargonium (*sweet-scented*) **Madame Csillag** :—from Mr. Bragg, Slough. A small-growing variety in the way of *Delicatum*, of neat habit, and flowering freely. The small leaves are shallowly three-lobed, and faintly lemon-scented; the flowers small, rosy-lilac, having on the upper petals a small spot of white, and another of deep rose close above the pencilled lines. It was Commended.

Other flowers exhibited in this class were:—

Fuchsias :—from E. Banks, Esq.: **Lord John Russell,** a short, broad-sepaled, red and violet variety, with a large expanded corolla; **Prince Arthur,** similar to the last, but larger in the sepals: these were both showy well-proportioned flowers, and, like all Mr. Banks's varieties, had the base of the petals streaked with red. **Cœrulea,** red and violet, smaller than the foregoing. **Frank Vine,** a free-blooming variety, having the corolla of the same novel reddish slate-colour as *Garibaldi*, but less expanded; the flowers were, however, of finer texture. **Constance Banks,** white, with rose-coloured corolla. **Purity**, white, with purplish rose corolla. **Snowdrop,** a short swollen-tubed white, with rosy-lilac corolla.

Sweet Williams:—from Mr. Bragg. A selection of 36 of those known as Mr. Hunt's or the High Wycombe varieties, which are remarkable for the smoothness of their flowers and their finely contrasted colours.

Variegated Pelargoniums:—from Mr. Barter, gardener to T. J. Lenox, Esq., Hammersmith: **Morning Star and Pearl,** two silver-variegated kinds; and **Cloth of Gold,** a flat-leaved sort, with broad golden edge: all seedlings of 1860.

Fancy Pelargoniums:—from Mr. Gell, gardener to the Earl of Yarborough, Ventnor: **Countess of Yarborough,** and **Lady Sophia Pelham,** both inferior varieties.

Pelargonium (*zonale*) **Princess of Prussia** : — from Mrs. Conway, Earl's Court. This was again exhibited, and confirmed the judgment passed at the former meeting. It is a fine light scarlet of the *Compactum* habit, with large well-developed flower-heads, and will form a very useful decorative plant, especially for the conservatory.

Petunia versicolor :—from Mr. MALLONS, Exeter. A variety with purple flowers streaked with white.

Verbena Colossus :—from J. MILLER, Esq. Upway, Dorchester. A deep scarlet, with lemon-coloured eye, producing large trusses of flowers. It was stated to be a good grower, but as only a single truss was exhibited, no opinion could be formed.

August 2.—The Rev. JOSHUA DIX *in the Chair.*

This was a Special Meeting held at Chiswick, for the purpose of inspecting the plants for trial growing at the garden ; and various annuals which were in a sufficiently advanced state were examined. The details of the examination of these plants, as of the other groups grown for trial, will be reserved for special reports, to be prepared hereafter; the following being, however, some of the most important determinations :—

Collinsia bicolor candidissima, Fine dark Candytuft, Erysimum arkansanum, Clarkia pulchella pulcherrima, and *C. p. integripetala, Lupinus Dunnettii superbus, Dwarf French Orange Marigold,* and *Viscaria oculata nana,* were considered to be desirable and ornamental kinds, and when true of the first order of merit as annuals.

A deep blue *Lobelia*, considered to be a good form of *speciosa,* was pronounced the best of the dwarf bedding kinds of this family ; and *L. gracilis rosea* (*Lindleyana* of some) was considered a desirable rosy-lilac variety, useful on account of its distinct colour.

Of the varieties of **Achimenes** which were in a blooming state, the following were selected as the most desirable of their respective colours :—Large-flowered group : *Ambroise Verschaffelt, Belmontiensis, Dentoniana, Edmond Boissier, Estelle, François Cardinaux, Georgiana discolor, grandiflora, Jaureguia maxima, longiflora major, Margarettæ, Parsonsi, patene ajor, Sir Treherne Thomas.* Small-flowered group: *carminata splendens, Dazzle, Dr. Buenzod, ignea, Meteor, rosea elegans, venusta.*

The **Variegated Begonias** were also examined, and the following selected as the best and most distinct varieties :—*Roi Leopold, ricinifolia maculata, splendida argentea, Marshallii, Rex, Rex Leopardina, Queen of England, Reichenhiemii, Regina, Roylei, nebulosa,* and *Griffithii.*

The following flowers were submitted for the opinion of the Committee :—

Picotee Princess Alice :—from Mr. Turner, Slough. This was a full flower, of average size, with heavy edge of bright light rose colour, very evenly disposed, and without bar or spot. It was a novel variety, and one of the best in its class, and was awarded a First-Class Certificate.

Picotee Rev. H. Matthews :—from Mr. Turner. A full-sized flower, very double, with large well-shaped petals; bright rose edge on a pure white ground. A very fine variety, and awarded a First-Class Certificate.

Carnation Rose of Castille (*Headly*):—from Mr. Turner. A large rose flake, of fine form, and uniformly marked. It was awarded a First-Class Certificate.

Verbena Garibaldi :—from Mr. Turner. A fine dark blue-purple, with a bold white eye. It was thought to be rather too near in general appearance to the variety called *Mrs. Moore*, but was of a more decided blue-purple, and a remarkably attractive kind, producing fine trusses of large well-formed blossoms.

August 9.—The Rev. Joshua Dix *in the Chair.*

The exhibitions, which on this occasion were numerous, were as follows :—

Gleichenia pubescens :—from Messrs. Veitch & Son, Chelsea. This was a fine habited species, somewhat resembling the *G. furcata* noticed at p. 243, but having the stems and under surface of the branches clothed with a rust-coloured covering of cobwebby hair-like scales. It was of vigorous constitution and sturdy in character; the horizontally-spreading lanceolate elongated branches, which are given off in opposite pairs, were forked, and formed of linear leaflets set side by side like the teeth of a comb, the under surface of the segments and the entire rachis having a coating of the cobwebby hair-scales. It had been imported from Guatemala. A First-Class Certificate was awarded to it.

Spiræa Nobleana :—from Mr. Noble, Bagshot. A very showy hardy shrub, the origin of which was thus explained :—In Mr. Noble's nursery at Bagshot, the beautiful *Spiræa callosa* (*Fortunei* of some), and the scarcely less beautiful *S. Douglasii*, were growing contiguously; and seeds were gathered from the latter plant, for which they were sown. The produce, however, when arrived at a flowering size, proved to be intermediate in character

between the two species just named, and equally beautiful. This intermediate plant has been named *S. Nobleana* by Sir W. J. Hooker, and has been supposed to be a hybrid between the other two. Wild specimens from California, where *callosa* does not grow, have however proved identical with it. Mr. Noble's plants were raised from English-grown seed of *Douglasii*, and the same form has been elsewhere raised where the supposed parents have been growing side by side. The plant differs in external features from *callosa* in having the flowers in short pyramidal heads, instead of flat corymbs; and from *Douglasii* in the short instead of elongated spike-like flower-heads, and in the absence of the entangled cobwebby hairs which cover the under surface of the leaves, and give them a whitened appearance. In *S. Nobleana* the branches are downy, while the leaves are oblong, acute, sharply and irregularly serrated in the upper half, paler and somewhat hairy but not whitened beneath, most nearly resembling those of *callosa*. The flowers, of a purplish-rose colour, form a depressed pyramidal branched head, in which all the lesser branchlets are formed on the same plan. In the specimens figured as *Nobleana* by Sir W. J. Hooker, the calyx tube was hairless inside, as in *Douglasii;* but in the specimens exhibited on this occasion, the calyx tube was clothed inside with silky hairs, as in *callosa*, so that individual plants would appear to vary in these minute characters. Specimens of the flat-headed bright rose-coloured *callosa*, and of the branched spike-like *Douglasii*, were shown for comparison. The new form was COMMENDED as a fine hardy shrub, of ornamental aspect.

Lonicera japonica hybrida:—from Mr. INGRAM, Frogmore. This fine ornamental evergreen climber, was stated to be the result of a cross between *L. japonica* and *L. flexuosa*, and to be perfectly hardy. The foliage and flowers are much like those of *japonica*, from which it differs in its greater hardiness and more profuse habit of flowering. The leaves are ovate, acute; the flowers have a downy tube, and are white changing to yellow, remarkably sweet, and literally loading the branches. It was COMMENDED as a desirable hardy evergreen free-flowering climbing shrub.

There were also exhibited in this class:—

Lobelia speciosa:—from Mr. INGRAM. Two seedling forms of this fine blue bedding Lobelia, remarkable for their vigorous constitution. They were, however, not thought on the whole to

be superior to the best or true forms of this plant already in cultivation.

Acropera Loddigesii:—from Mr. ELLIS, gardener to A. R. DUNN, Esq., Pymmes Park, Edmonton. A dull-coloured form of this species, exhibited with the name of *A. fuscata*, under which it had been received from Belgium.

Saponaria calabrica, *var.* **roseo-alba**:—from Messrs. CARTER &Co., Holborn. A pretty variety with flesh-coloured or very pale rose-cloured flowers, forming a good contrast with the rose-coloured kind.

Eucharidium grandiflorum, *var.* **album**: — from Messrs. CARTER & Co. A variety with blush-white flowers. It was accompanied by another variety named **roseum**, in which the flowers were of a deeper blush.

Tropæolum Crystal Palace Gem:— from Messrs. CARTER & Co. This was one of the dwarf or *Tom Thumb* varieties, and was stated to have been obtained from *Scheuermannianum*. It was of dwarf habit, with large sulphur-coloured flowers, having a dark red spot near the base of each petal.

Lupinus hybridus rubro-cyaneus:—from Messrs. CARTER & Co. A showy purple and red Lupin, apparently of the *mutabilis* group. The centre of the standard was buff-yellow, becoming brownish-orange with age.

The remaining subjects were Florists' flowers:—

Carnation Shakspere:—from Mr. W. BRAGG, Slough. A scarlet flake, of good properties, and having the markings and ground-colour well balanced. It was awarded a FIRST-CLASS CERTIFICATE.

Picotee Elise:—from Mr. TURNER, Slough. An average-sized flower, remarkable for the purity of the white ground and the evenness of the marginal colouring, which formed a heavy edge of light rose. It was awarded a FIRST-CLASS CERTIFICATE.

Variegated Pelargonium Argus: — from Mr. G. SMITH, Hornsey Road. A fine-habited variety, with silvery-edged leaves, marked with a zone of red, and producing bold trusses of bright scarlet flowers, of good form. It was awarded a FIRST-CLASS CERTIFICATE.

Verbena Nemesis:—from Mr. G. SMITH. A rosy-scarlet, of firm substance and fine shape, with a close eye, and forming close compact trusses; noticed at p. 243. It was awarded a FIRST-CLASS CERTIFICATE, on account of its fine properties.

Verbena Pink Perfection :—from Mr. G. SMITH. A showy variety, with large trusses of flowers of a bright lively pink colour, marked round the eye with rosy-scarlet. It was COMMENDED as a desirable addition to the varieties of this colour, and likely to be useful both for exhibition purposes and for borders.

Picotee Queen of Picotees :—from Mr. KEYNES, Salisbury. A large well-formed flower, with a very faint edge of light rose or pink, in the way of *Mrs. Barnard*, on which it was stated to be an improvement. It was COMMENDED.

Picotee Countess of Derby :—from Mr. KEYNES. A novel variety of the mottled-purple fancy class, the surface pounced over with rosy-purple, and having a few bars or streaks of the same colour. The flowers were large and full, and it was COMMENDED as a useful decorative plant, and a fine pot variety.

Picotee Favorita :—from Mr. TURNER. A bold, heavy, red-edged flower, showy but somewhat rough. It was COMMENDED for its colour.

Picotee (*yellow*) **Empress of India** :—from Mr. BRAGG. A neat sulphur-yellow variety, with light edge of deep red. COMMENDED as a good variety in this class.

Picotee (*yellow*) **Garibaldi** :—from Mr. BRAGG. This which was a yellow-ground flower, heavily edged with dull dark-red, was COMMENDED. Mr. BRAGG exhibited several other varieties of this class, which were considered desirable for general cultivation on account of the vigorous constitution they possessed. They were of different shades of yellow, variously edged with red.

Besides the foregoing there were exhibited :—

Fuchsias :—from Mr. G. SMITH : **Novelty,** a free-blooming variety, with red sepals and purple corolla, striped in the way of *Lord Clyde*.—From Mr. J. ROBERTS, gardener to the Earl of CHARLEVILLE, Tullamore, Ireland : **Captain Alfred Bury,** a double-flowered variety, inferior to *Sir Colin Campbell*.—From Messrs. HAYES, Edmonton : **Magnum Bonum** and **Pagoda,** two large-flowered red and purple varieties.

Carnations :—from Mr. MOUSLEY, Kennington : **Isabella,** a prettily marked rose flake. **Annie**, a scarlet flake.—From Mr. KEYNES : **Conqueror**, a crimson bizarre. **Peter Young,** a fine deep-coloured purple flake ; and **Poor Sam,** a very fine ro e flake, with broad petals, one of the best-coloured flowers in its class ; these were severally pronounced to be varieties of evident merit, but no award could be made as only one bloom of each

was shown. **Preeminent,** a purple flake, with regularly marked broad petals, and in every way fine. **Harry,** a rose flake, also well-marked and good. **Bianca,** a neatly marked rose flake. **Alboni,** a good purple flake. **Anna Keynes,** a very handsome pink and purple bizarre, described to be of better quality than *Sarah Payne.* The flowers, both of Carnations and Picotees, exhibited by Mr. KEYNES on this occasion had been already successfully shown at Leeds, and were many of them past their best.

Picotees:—from Mr. MOUSLEY: **Arthur,** a heavy red-edged variety, which was considered a promising flower, but of which only one bloom was shown.—From Mr. TURNER: **Miss Meeking,** a prettily marked, heavy-edged, light rose, something in the way of *Elise.*—From Mr. KEYNES: **Diadem,** a full-sized, fine-petaled flower, of first-rate properties, marked with a medium edge of purple; it was considered a highly promising variety, but as only one bloom was shown no award could be made. **Loveliness,** a fine light rose-edged variety. **Standard,** a large full-flower, of good properties, with bold petals, marked with a light edge of purple; a very showy variety. **Jenny Deans,** a pretty well-formed flower, with light purple edge. **Polly,** a showy medium red-edged flower. **Jane,** a good flower, with medium purplish-rose edge. **New Colour,** a pretty sort, with medium reddish-purple edge. **Mrs. Naish,** light purple edge. **Lady Middleton,** a fine variety, with a medium rosy-purple border.

Rose Madame Miellez:—from Mr. KEYNES. A large showy hybrid perpetual variety, which was stated to resemble *Anna Alexieff;* the colour was a bright and very pleasing light or pinky rose, but the petals were somewhat rough and confused, so that it was pronounced deficient in the quality of evenness of outline. It is, however, an attractive sort for general purposes.

Scarlet Pelargonium Nonsuch:—from Mr. G. H. BUNNEY, Stratford. A strong-growing green-leaved light scarlet variety, of no peculiar merit.

Hollyhock Reine Blanche:—from Mr. BRAGG. A neat compact globular white, of which only cut blooms were shown.

Pelargonium (*sweet-scented*) **Madame Csillag**:—from Mr. BRAGG. This was again exhibited: several plants, of small size, in a freely-bloomed condition, and bearing out the award made at a previous meeting. It is a dwarf kind, with very neat foliage, and flowers of a bright rosy lilac, having a small distinct white and deep lilac spot on each of the upper petals.

Calceolaria Gem of the Day:—from Mrs. CONWAY, Earl's

Court, Old Brompton. A tall-growing shrubby variety, of free-blooming habit, the flowers bronzy, with a bold distinct yellow upper lip. It was stated to be an excellent variety for bedding, and the plants exhibited, which had been just lifted from the open border, were little affected by the rain of the previous day.

Verbenas:—from Messrs. WOODS & SON, Woodbridge: **Grand Eastern**, a remarkably large light lilac-tinted rose, commended at a former meeting. It was again shown in excellent condition, some plants, which were also produced, showing it to be a vigorous-growing variety, and a free bloomer. The trusses, stated to have been cut from the open ground, were remarkably fine, and fully confirmed the award which had been made to it.—From Mr. G. SMITH: **Jupiter**, bright orange-scarlet, with white eye, bold and attractive. **Leader**, a light lavender-purple, with large compact truss, probably a good bedding variety. **Cato**, blush-pink, with deep red eye. **Picta**, delicate pink, with carmine centre, a very effective variety. **Black Prince**, bright crimson-purple, of fine form, but rather small, the eye white; an attractive sort. **Fair Oriana**, white with pink centre, truss good; promises to be a fine light kind. **Formosa**, light blush, with pink centre, rather too much cupped. **Jewess**, **Magnet**, and **Champion**, varieties closely resembling others already in cultivation.

August 23.—The Rev. JOSHUA DIX, *in the Chair.*

The following plants and flowers were exhibited:—

Epigynium leucobotrys:—from Messrs. E. G. HENDERSON, & SON, St. John's Wood. A charming conservatory shrub, bearing clusters of wax-like drooping racemes of berries, which are white, marked with a black ring and a circle of black dots about the apex. It forms a branching shrub, 3 to 6 feet in height but blossoming when of smaller size, of erect habit, with whorled branches, furnished with oblong lanceolate obscurely-toothed leaves collected into a kind of whorl at the ends of the short growths. The flowers appear in drooping racemes, three or four together, from the axils of the crowded upper leaves, and are transparent white, conic-pentangular, and succeeded by globular pure white berries of a waxy appearance, seated on a white thickened pedicel, which gives them the appearance of being bluntly pear-shaped. It was awarded a FIRST-CLASS CERTIFICATE. The plant is a native of the Duppla Hills, in India, where it is found epiphytal on a species of oak.

Saponaria calabrica *var.* **roseo-alba**:—from Messrs. Carter & Co., Holborn. A free-flowering variety, with blush-white flowers, and forming a pretty contrast with the deep rose variety for rock-work or the flower-border. It was now shown in a better condition than at the last meeting, and was Commended as being useful for the above-named object.

Calendula officinalis fl.-pleno:—from Mr. J. B. Whiting, the Deepdene, Dorking. This was a remarkably fine strain of the Common Pot Marigold, with rich orange-coloured flower-heads of large size, and so full of ligulate florets, as to leave little or no disk. They were exceedingly showy and well adapted for the flower garden, on which account they were Commended.

Besides the above there were submitted for opinion:—

Hunnemania fumariæfolia:—from Messrs. Carter & Co. A fine half-hardy perennial, allied to *Eschscholtzia*, having similar finely-cut foliage, and producing bright yellow poppy-like flowers. It is a desirable plant, with the general habit of *Eschscholtzia*, and adapted for similar purposes; but though introduced long since, it is now seldom seen.

Œnothera Drummondii nana albida:—from Messrs. Carter & Co. This plant had downy lyrately pinnatifid leaves, and large sulphur-yellow flowers, in which the edges of the petals were paler than the other parts.

Achimenes Deanii:—from Mr. W. Dean, Bradford, Shipley, Yorkshire. A robust but compact-habited and free-blooming variety, with well-formed purple flowers, resembling *Chelsoni* in colour. The leaves were broadly oval, sharply toothed, deep green, red behind, and the flowers were of average size, reddish-purple, paler and speckled at the throat. Though a good and useful kind, of excellent habit, it was not thought superior to or sufficiently different from others in cultivation. It appears to resemble most closely the variety called *Boothii*, but is rather lighter-coloured and somewhat more spotted in the throat.

Nemophila atomaria, *var.* **oculata**:—from Mr. W. Thompson, Ipswich. A very pretty variety of *Nemophila*, in which the flowers, of a greyish-blue, with a black spot at the base of each petal, resembled a good deal those of *Roella ciliata*. Mr. Thompson stated that this new variety, raised by Mr. Burridge of Colchester, had been produced from the plant known as *N. atomaria cœlestis*, a pale blue spotted-flowered variety, with which it agrees in everything but the well-defined black markings of the

centre. The specimens were unfortunately in so withered a state on their arrival, that the Committee could form no opinion on its qualities. [Other specimens, which reached us in a fresher condition some days earlier, enable us to state that it is a very handsome plant among dwarf annuals.—T. M.]

There were some very interesting Florists' flowers, namely:—

Dahlia Mrs. Dodds:—from Mr. W. DODDS, gardener to Col. BAKER, Salisbury, A very fine flower, of large size, and good properties, and of a clear bright yellow colour. It was awarded a FIRST-CLASS CERTIFICATE.

Dahlia Andrew Dodds:—from Mr. J. KEYNES, Salisbury. A large full-cupped showy flower, of a deep maroon purple. It was awarded a FIRST-CLASS CERTIFICATE.

Lobelia Purple Standard:—from Mr. KINGHORN, Richmond. A fine new variety of the tall perennial class. The flowers were large, with broad segments, of a lively rosy-purple colour, whitish at the mouth of the tube. It is one of a batch of seedlings from *St. Clair*, crossed with *speciosa;* and was thought worthy a FIRST-CLASS CERTIFICATE.

The other exhibitions in the class of Florists' flowers were:—

Carnations:—from Mr. KEYNES: **Garibaldi**, a fine rose-flake, full, and nicely marked. **Vivid**, scarlet flake, with broad petals heavily and evenly marked, but somewhat deficient in quantity.

Picotees:—from Mr. KEYNES: **Sylvia**, a fine and pleasing flower, with distinct markings, forming a light edge of light purple. **Mount Etna**, heavy red edge. **Rosabella**, fine, with light edge of pale rose.

Dahlias:—from Mr. KEYNES: **Purpurea**, a bright rosy-purple, over average size, a little uneven. **Minnie**, blush-white, very faintly tipped with rose.—From Mr. DODDS: **Mrs. Balfour**, a dull primrose, suffused and faintly tipped with pale purple. **Mrs. William Fawcett**, a pretty blush-white, tipped with rosy-purple. **Highland Mary**, a showy fancy variety, buff-yellow, striped with crimson.—From Mr. G. RAWLINGS, Bethnal Green: **Miss Jones**, dull red, tipped with white. **Excelsior**, an unbloomed plant, with variegated foliage.

Pelargoniums:—from Mr. R. GILBERT, gardener to S. RICKARDS, Esq., F.H.S., Acton: **Miss Rickards**, a deep rose pink, with white on the upper petals, flowering in fine trusses, and having a pleasing effect; cut blooms only were shown.—From

Mrs. CONWAY, Old Brompton: **Novelty,** a bright red, inclining to rose in the older flowers, and blooming in fine large trusses; it was one of the "Nosegay" section, and a good showy variety. No award was, however, made to it on this occasion, but it was requested that the plant might be exhibited at a subsequent meeting along with flowers of the other varieties of this section of Pelargoniums.

Fuchsias:—from Mr. A. KENDALL, Stoke Newington: **Pyramidalis,** a dwarf free-blooming useful market variety, of the red and purple section.—From Mr. W. J. PIKE, Wareham: cut blooms of **Carl Haag,** a bold deep-coloured double sort, with globose flowers; and **Tom Sayers,** also double, a curious but very ragged inferior variety, in which some of the multiplied petals had become adherent to the face of each of the calyx-lobes.

Tropæolum Surprise:—from Mr. KINGHORN. A dwarf sort, with sulphur-yellow flowers, spotted with deep red, closely resembling, if not identical with, those of *Crystal Palace Gem* exhibited at the previous meeting. The present was a chance seedling.

Lobelia Mars:—from Mr. KINGHORN. A tall-growing, large flowered, scarlet kind, raised from *St. Clair*, and, though fine, regarded as being no improvement on that excellent sort.

Verbenas:—from Mrs. CONWAY: **Favourite,** a dull purple; **Star of the East,** dull rose, suffused with blue about the eye.—From Dr. SANKEY: **Vulcan,** a deep crimson scarlet, with dark maroon ring around the pale eye. **Pluto,** a large well-formed deep rose-crimson, with light eye. **Aurora,** a deep pink, pounced and streaked with deep rose-crimson. These were stated to be varieties of good habit for open-air culture.

September 6.—The Rev. JOSHUA DIX *in the Chair.*

This was a Special Meeting, held at the Garden for the purpose of continuing the examination of the plants sent for trial. The Verbenas and Pelargoniums were on this occasion inspected. It was found that the unpropitious character of the season had rendered any final determination of the merits of the several varieties impossible, and that it was only practicable to select and report favourably on such of the varieties as under these untoward circumstances had proved themselves to possess desirable qualities, the entire collections, with such additions as may be procured, being submitted to further trial next season.

Of the **Verbenas** the following were found to be meritorious sorts, adapted for flower garden purposes, being of good habit and desirable colours, and having flowered freely notwithstanding the ungenial weather:—*Ajax, Annie Grey, Balfe, Beatrice, Blue Magnifique, Crimson Bedder, Cynthia, Evening Star, Fairy, Figaro, Géant des Batailles, General Simpson, Il Trovatore, Lady Havelock, Lightning, Lola Montes, Mars, Madame Karr, Mrs. Maclean, Mrs. Pennington, Purple King, Rosamond, Snowflake, Striata Perfecta, and Venus.*

Of the Bedding **Pelargoniums** the following were found to be good in their respective classes:—Of scarlet, rose, white, &c.: *Baron Hugel, Captivation, Excellence, Frogmore Improved, Lilliput, Punch, Scarlet Perfection; Beauté Meldoise, François Chardine, Lady Middleton, Le Titien, Mons. Chardine, Mons. Martin, Rubens, Rose Queen, Christina; Henri de Beaudot, Madame Vaucher, Nivea floribunda.* Of nosegays: *Crystal Palace,* good for its foliage; *Imperial Crimson, Red Nosegay, Pink Nosegay.* Of variegated: *Alma* and *Bijou,* both first-rate; *Annie, Burning Bush, Countess of Warwick, Flower of the Day, Flower of Spring, Julia, Perfection, Scintillatum.* The miscellaneous group of hybrid and sweet-scented sorts had produced nothing worthy of recommendation in the present season.

The following flowers were also submitted for opinion:—

Dahlias:—from Mr. G. Rawlings, Bethnal Green: **Joy,** a very pleasing flower of good general outline, with smooth neatly cupped florets, white tipped with bright rose; the centre was rather sunk. It was considered a very pretty and attractive flower, and worthy of being Commended. **Peri,** full-sized, white slightly tipped with light purple. **Juno,** a pretty rosy-lilac. **Miss Jones,** red tipped with white.

September 13.—The Rev. Joshua Dix *in the Chair.*

The subjects submitted for opinion were the following:—

Gymnogramma Wetenhalliana (*Moore*):—from Mr. P. Kelly, gardener to Mrs. Ridgway, Ridgmont, Bolton-le-Moors, Lancashire. This was a fine dwarf crested form of *Gymnogramma,* said to have been obtained by Mr. Kelly from spores of a slightly crested branch of *G. peruviana,* which had been growing in company with *G. sulphurea.* The plant was covered with a sulphury white powder, intermediate in colour between

that found on the two species just named. It was a dwarfish plant, of free habit, and was stated to be less affected by cold and damp than other kinds of this genus. The fronds were from nine inches to a foot long, spreading, ramose, and very finely crested, the outer ones arching over the rim of the pot, and these again overlaid by those from the centre of the plant. It was awarded a FIRST-CLASS CERTIFICATE, as a very beautiful and distinct new crested fern.

Dahlia Marquis of Bowmont:—from Mr. DODDS, gardener to Colonel BAKER, Salisbury. A large-flowered variety, of a pale-lilac-tinted rose, whitish towards the centre. It was awarded a FIRST-CLASS CERTIFICATE as a useful show variety of a distinct colour.

Dahlia Masterpiece: — from Mr. KEYNES, Salisbury. A small compactly formed flower, with full convex centre, the colour a shaded purple, that is, the deeper coloured parts and the bases of the florets maroon, and the edges shading off unequally to light purple. It was COMMENDED.

Dahlia Nora Creina:—from Mr. TURNER, Slough. An orange-tinted or light bronzy-yellow, with the florets just tipped with white, below which, as well as behind, they are suffused with rosy-lilac. It was a full-sized flower, of good form and novel in colour, and was awarded a COMMENDATION.

Dahlia Elegance:—from Mr. TURNER. A striped variety, white, slightly flushed near the outsides with light purple, and distinctly but slightly striped with purple-crimson. It was one of the purest of the white striped varieties which have been exhibited this season, and was COMMENDED.

Phlox Orion:— from Dr. SANKEY, Hanwell. A variety of bold habit, growing about 2 feet high, producing large branched pyramidal flower-heads; the blossoms were full-sized, close, and well-formed, pure white with a light purple eye. It was COMMENDED as a variety of considerable merit, and more especially for its fine trusses of flowers.

Other subjects exhibited on this occasion were the following:—

Dahlias:—from Mr. TURNER: **Zingari**, a small low-centred, yellow, tipped with red. **Heroine**, a rosy-flushed or pinkish-lilac, very slightly tipped at the points with yellow, which is scarcely evident; a neat and pretty flower. **Summertide**, a dark striped red, tipped with white. **Pauline**, a large buff, slightly tipped with white. **Madge Wildfire**, a light or orange-scarlet, of neat

outline, and stated to be a showy and good-habited border flower. —From Mr. KEYNES: **Fancy Queen,** a light purple, striped with maroon, and faintly tipped with white.—From Mr. DODDS: **Mary Lander,** white suffused with purple, and striped and flecked with crimson-purple. **Mrs. Dodds,** a single flower, of the variety recorded at p. 272.—From Mr. G. RAWLINGS: **Juno, Peri, Miss Jones,** and **Joy,** all described at p. 274. The latter, a very pretty flower, of neat outline, still retained the showy and attractive character for which it had been previously commended.—From Mr. T. GOODWIN, Holdgate, York: **Constance,** salmony-buff; **Rifleman,** shaded red; **St. Albans,** rose-colour; all flowers of average properties.

Rose John Hopper: — from Mr. R. WARD, the Rosery, Ipswich. A seedling hybrid perpetual raised from Madame Vidot, crossed by Jules Margottin. It was stated to have flowered for the first time last June, and that it continued to produce its flowers abundantly, blooming from every little shoot, though not so perfect as in the earlier part of the season. It was also described as a variety of vigorous habit suitable for pillars, and to bear dark green foliage and large full double flowers. Those exhibited were of medium size, of good form, and of a vivid rosy-carmine. It was regarded as a very promising flower, which should be grown and exhibited again at a more favourable season.

Fuchsias:—from Messrs. F. & A. SMITH, Dulwich. **Grandis, Striata, Splendens,** and **Gem,** all red-flowered varieties.

Horse-shoe Pelargoniums:—from Messrs. F. & A. SMITH: **Rosalind,** a dark horse-shoe leaved sort, with flowers of a cerise-scarlet, in small trusses. **Meteor,** a vigorous-habited dark horse-shoe leaved variety, the flowers scarlet with a white eye, in branching trusses.—From Messrs. E. G. HENDERSON & SON, St. John's Wood: **Henri de Beaudot,** a variety with distinctly marked foliage, and whitish flowers, having a deep salmon-coloured centre, and forming a very pretty kind for pot culture.

Balsams:—from Messrs. F. & A. SMITH. A collection of twelve small but neatly grown plants of various colours, principally scarlet.

Verbena Standard of England:—from Mr. STANLEY, Lee. A large-flowered purple, of indifferent form, marked around the eye with a white ring, which disappears in the older flowers.

Bouvardia Hogarth:—from Messrs. E. G. HENDERSON & SON. This is one of a series of very handsome hybrid sorts, bred

between *B. leiantha* and *B. longiflora.* They are of vigorous habit, and flower freely during the summer months, producing large bunches of very pretty flowers. The present was a standard plant, with a fine head of bloom. The stems and ovate acuminate leaves were covered with a close felt of very short hairs; while the flowers had a long slender rosy-scarlet tube, and a cruciform spreading limb of bright cerise-scarlet, somewhat paler in the throat. It is a handsome and highly useful decorative plant, raised a few years since.

Dianthus hybridus multiflorus:—from Messrs. E. G. HENDERSON & SON. A handsome hardy hybrid pink, of continental origin, having something of the same character as that raised by Captain TREVOR CLARKE, noticed at p. 261. It has dark green carnation-like leaves, and is of vigorous habit, from 12 to 18 inches high, producing freely sweet-scented light-rose-coloured flowers, which are rather more than an inch in diameter. The flower-stems are robust and require no support, and they yield a succession of bloom from June till October or November. It is a very useful border flower, "distinguished especially by the profuseness in which its flowers are produced, and its tendency to produce them up to the latest period of the season." Messrs, HENDERSON also produced of *D. Heddewigii* several varieties of different colours; and both the double and single flowered states of *D. laciniatus*, the two forms of Japanese pink lately introduced to this country.

XLIII.—GARDEN SUPERINTENDENT'S REPORT TO THE COUNCIL.

September 3rd, 1860.

SIR,—In accordance with my instructions, I beg to hand you the following report for the information of the Council:—

The plants in the houses are all in good health, and for the most part have made a good summer growth.

All the ballot plants have been sent to the Fellows; and I have now a considerable number of Stove and New Holland plants for distribution.

I am also busily engaged in getting a stock of plants for bedding out next season at Kensington.

The Peaches in the house have been gathered and sold, some

to the Fellows, and the remainder sent to market; as also have been the Grapes from the pot vines, excepting those new or little known varieties required by the Fruit Committee.

The Grapes in the Curvilinear Vinery are now ripe, and some of them have been cut and sold. The Pears and Plums in the Orchard House have, for the most part, borne very good crops; as also have the established plants of Peaches and Nectarines.

A good stock of Vines has been grown this season for fruiting next year, and a considerable number of other kinds of fruits budded and grafted to add to the various collections.

The Vines in the Conservatory would well repay a visit to Chiswick; they are laden with most magnificent grapes, the bunches varying from 6 inches to nearly 2 feet in length; some of the berries are also of great size. They are colouring well, and will be ripe in a short time. I am happy to add, that a considerable number of visitors come to the gardens daily to see the Grapes in this house.

The Garden Committee at its last meeting consented to have the outside of the Conservatory repainted, and the glass repaired; this work I hope to have finished by the end of this month.

The fruit crops are unusually late. The Pears on walls are, with some exceptions, very abundant; likewise on standards, dwarfs, and espaliers. Apples on standards are plentiful; on dwarfs there are but few. Owing to the bad spring and cold summer, all these fruits are late, but if the weather should prove fine they may yet attain a fair size.

The crop of Peaches and Nectarines on the south wall is not so good as might have been expected at the time of blossoming, for although the blossoms were sufficiently protected by tiffany, yet the fruit dropped off very much, owing to the trees having been paralysed by the untimely and severe frost in last October, and by the cold and unfavourable weather of the present season. Some will have to be replaced with young trees. We are now gathering Acton Scott, Hemskirk, and Early Ann peaches, which in a good season would have been ripe early in August. The new plantations of fruit trees have succeeded well, and many of the pear trees planted in March last have borne a good crop of fruit.

The plants and vegetables sent for trial will be fully reported on in the Journal of the Society, and therefore I need not trouble the Council with the particulars. The cold wet summer has been very detrimental to the crops, both of fruit and vegetables. The Potatoes have suffered very much from disease; in some

cases considerably more than half the crop is useless. Peas, on the other hand, have succeeded remarkably well. I have made preparations for the trial of various kinds of Brocoli, Borecole, and Cabbage for next year. Mr. Hogg has supplied me with seeds of all the varieties he could obtain; the two former have been already planted out in the orchard and kitchen-garden, the latter will be planted as soon as ready.

The amount of produce sold since the 1st of April, 1860, including 29*l.* for the grass in the Arboretum, is 173*l.* 13*s.* 7*d.*

I have the honour to be, Sir,

Your very obedient servant,

To Dr. LINDLEY, *Secretary.* GEORGE EYLES.

XLIV.—SPECIAL GENERAL MEETING, SEPTEMBER 4.

A Special General Meeting of the Society was held on Tuesday, September 4, at the Office, 8, St. Martin's Place, Trafalgar Square, C. WENTWORTH DILKE, Esq., V.P., in the chair.

The Meeting was convened for the purpose of electing a new Member of Council in the room of the late Rev. L. VERNON HARCOURT; and also for the election of various candidates who had been proposed as Fellows.

The Right Rev. the LORD BISHOP OF WINCHESTER, who had been recommended to the Fellows by the Council to fill up the vacancy, was balloted for, and unanimously elected a Member of Council.

The following candidates were afterwards balloted for, and elected Fellows of the Society:—

Mr. W. H. Baxter, Botanic Gardens, Oxford.
Mrs. J. A. Beaumont, 32, Prince's Gate, S.W.
Mr. Thos. Castle, 1, Hyde Park Gardens, W.
Rev. James Cook, Rectory, Peopleton, Pershore, Worcestershire.
Mr. James Cuthill, Denmark Hill, Camberwell, S.
The Lord John Manners, M.P., St. Katherine's Lodge, Regent's Park, N.W.
Mrs. Moffatt, 103, Eaton Square, S.W.
The Lady Adeliza Norman, Rectory, Bottesford, Nottingham.
Charles Rickards, Esq., 207, Piccadilly, S.W.
His Grace the Duke of Rutland, 22, Prince's Gate, S.W.
Charles Jasper Selwyn, Esq., M.P., Q.C., 63, Chester Square, S.W., and Richmond, Surrey.
The Earl Somers, 45, Grosvenor Place, S. W.
The Lady Louisa Wells, Redleaf, Tunbridge, Kent.

XLV.—REPORTS OF THE FRUIT COMMITTEE.

(*Continued from p.* 258.)

August 14, 1860.—Mr. C. EDMONDS, F.H.S., *in the Chair.*

The following presentations to the experimental department at Chiswick were reported :—

Messrs. BUTLER & M'CULLOCH—Seeds of 8 varieties of Cabbage.
Messrs. CARTER & Co.—7 varieties of Cabbage.
Messrs. E. G. HENDERSON & SON—1 sort of Cabbage.
Messrs. HURST & M'MULLEN—13 varieties of Cabbage.
Messrs. FLANAGAN & SON—1 sort of Cabbage.
Messrs. MINIER & Co.—13 sorts of Cabbage ; 2 sorts of Celery ; and 1 of Onion.
Messrs. NUTTING & SON—23 varieties of Cabbage.
Messrs. SUTTON & SON—3 varieties of Cabbage.

At this meeting prizes had been offered as follows :—For the best collections of PEACHES, not less than six varieties, to be accompanied by their leaves—40*s*. and 20*s*. Also, for the best collections of APRICOTS, not less than four varieties—20*s*. and 10*s*.

PEACHES.—The only exhibition of Peaches was from Mr. D. FERGUSON, Stowe, near Buckingham, whose fruit had been grown in a peach-house without artificial heat, and was of excellent quality. The varieties, as named by Mr. FERGUSON, were *Grosse Mignonne*, *Royal George*, *Barrington*, *Bellegarde*, *Early Admirable*, and *Acton Scott*. The Committee was, however, of opinion, that three of the varieties were identical, and as the leaves produced did not correspond with the varieties they professed to represent, no award was made. Mr. FERGUSON also sent several dishes of Nectarines, consisting of *Elruge*, *Violette Hâtive*, *Red Roman*, and one or two others not identified. Among these latter, was one accompanied by leaves having globular glands ; the only known varieties in this section of Nectarines are *Pitmaston Orange*, and *Boston*, and the fruit shown did not agree with either of these kinds.

APRICOTS.—From the Rev. BERNARD SMITH, Great Marlow : a dish of the true *Peach Apricot ;* the fruit was large, somewhat oval and flattened, but was unripe. There was no exhibition of this fruit for the prizes which had been offered.

PLUM.—From Mr. RIVERS, Sawbridgeworth: a new early variety called **July Green Gage.** The fruit is of the size, shape, and colour of the old *Green Gage* when fully ripe, and the flavour is quite equal to that fine old sort. Mr. RIVERS stated that this variety ripened last year as early as the 21st of July, but this season it was later, on account of the unfavourable weather. Although the fruit exhibited was not fully ripe, it formed a striking contrast to that of the old variety, exhibited in the same dish, and which was not fully grown and quite green and hard. The new variety was awarded a FIRST-CLASS CERTIFICATE.

STRAWBERRIES. — From Mr. CUTHILL, Camberwell: *Black Prince*, *Prince of Wales*, *Richard the Second*, *Princess Royal*, and *Highland Mary*. These were exhibited, not so much to test the merits of the fruit, which in this unfavourable season is not equal to what it is in warmer summers, but to show the continued productive character of the plants which had been in fruit for sixty days previously.

SUGAR PEA. — From Messrs. CHARLWOOD & CUMMINS, Covent Garden: a variety called **Brobdingnag.** The pods were 5 to 6 inches long, 1 to 1½ inches wide, and crooked like a ram's horn. This bears considerable resemblance to the *Géant* of the French, with which it is growing side by side, at the garden at Chiswick, and of which it seems to be an improved form. The plant does not grow so high as that variety; the pods are produced in greater abundance, and show much less disposition to sport. It was considered a useful acquisition to the present varieties of Sugar Pea.

September 11th. Mr. C. EDMONDS, F.H.S., *in the Chair.*

At this meeting prizes had been offered for the following fruits:—PEACHES, collections of not less than six varieties, to be accompanied by leaves—30*s.*, 20*s.* NECTARINES: collections of not less than four varieties, to be accompanied by leaves—20*s.*, 10*s.* From the very unfavourable state of the weather and the lateness of the season there were no exhibitors in either class.

PEACHES, &c.—From Mr. D. FERGUSON, Stowe: four dishes of well-grown fruit; also, seven varieties supposed to be distinct, sent for naming; but as there was no information with regard to the flowers, the Committee did not feel justified in attempting to name them. — From Mr. SALTER, Versailles Nursery, Hammersmith: a seedling Peach, raised in the south

of France. It had a strong resemblance, in the fruit, to the *Bellegarde*, but the leaves were furnished with reniform glands. The flavour was not very good; but it was thought that in better seasons the quality would be much improved, and Mr. SALTER was recommended to bring it forward again next year.

GRAPES.—From Messrs. BACKHOUSE & SON, York: a seedling raised by J. B. FAVIELL, Esq., Stockeld Park, near Wetherby. It was reported as being an abundant bearer requiring heat, a good setter, hanging well, shouldering well, and having long pendent bunches. It was raised from the *Canon Hall Muscat* impregnated with *Royal Muscadine*. In the specimens exhibited, the bunches were 9 inches long, tapering, and shouldered; berries quite round, nearly oblate, rather large, and borne on very long slender stalks, which gave the bunch a loose appearance; skin thin, greenish-white, transparent, covered with a very thin bloom, and showing distinct dark veins running through it; flesh firm and crackling, very juicy, quite acid. Some of the berries on one bunch were shrivelled, and these had a somewhat sugary flavour. In the opinion of the meeting, this was not a grape of great merit; but considering the unfavourable season, which might have had an influence upon it, the Secretary was requested to ask that it might be sent again next year.

PLUMS.—From Mr. JAMES KNIGHT, gardener, at Langley Priory, near Loughborough: *Lucombe's Nonsuch*.—From F. J. GRAHAM, Esq., Cranford: a dish of very handsome *Kirke's* Plum, which were cracked in consequence of the excessive rains of the past summer.—From R. FRANKUM, Esq., Woolhampton: *Denyer's Victoria*.

RASPBERRY.—From F. J. GRAHAM, Esq.: shoots of a promising double-bearing sort, of which it was arranged that fruit should be brought again later in the season.

BEAN.—From Mr. THOMPSON, gardener to the Right Hon. the Earl of STAMFORD and WARRINGTON, Enville: specimens of a singular-looking Bean, called Tow-cock, the produce of *Dolichos sinensis*. The pods were slender, terete, varying from 27 to 33 inches long, and borne in pairs; they were in appearence transparent and tender. The native country of this plant is the hottest part of China, and therefore it cannot be usefully cultivated out of doors in England; but in great gardens, like that at Enville, it might be grown under glass as a rarity. The specimens exhibited were the produce of Chinese seeds, sold at Steven's auction rooms during the past spring.

REFERENCE COLLECTIONS OF FRUITS.—Pending the organisation of the Local Fruit Committees, whose province it would be to send collections of fruit for comparison and reference for the use of the Central Committee, it was thought that a few special collections of the most esteemed varieties of Apples and Pears from different parts of England might be advantageously placed in the Fruit-room of the Society during the autumn, for examination and comparison with the kinds grown in the Garden; and it was resolved:—

"That the Members of the Fruit Committee be requested to forward collections of Apples and Pears, with the names attached by which the sorts are known in their respective localities; and that they be also requested to fill up in the case of each variety, as far as conveniently can be done, the forms issued by the Committee, stating the particulars as to soil, climate, &c., under which the several fruits have been produced."

XLVI.—REPORT ON ANNUAL STOCKS

GROWN FOR TRIAL AT CHISWICK.

[FLORAL COMMITTEE.]

A large number of varieties of this favourite flower (*Matthiola annua*) was contributed for comparison at the garden by the undermentioned seedsmen:—Messrs. CARTER & Co., Holborn; Mr. W. THOMPSON, Ipswich; and Mr. C. TURNER, Slough. Those sent by Mr. THOMPSON being mixed varieties, though of good quality, are not enumerated below.

Notwithstanding the unfavourable season a very good bloom was obtained. It was found, however, that so little fixity of nomenclature or even of classification had been hitherto attained, that a detailed report would have been altogether useless; and the Committee came to the conclusion that its attention might be most usefully directed towards making an effort to remedy the evils just referred to, by endeavouring to group the various forms into definite sections. The groups that have been adopted may, it is hoped, be approved and employed by English growers; and when the groups themselves have become generally recognised, it may be found possible to apply fixed names to such individual varieties as are of choice quality, in order to admit of their being recognised and purchased with something like certainty. This, at the present time, it must be considered as almost hopeless to attempt to do.

The seeds were in this case sown on April 9th in frames. The plants were "pricked out" and hardened off in the usual way, and were finally planted out for flowering on a prepared south border. They were examined and reported on during the first and second weeks of August while in the height of their bloom.

The classification proposed for the various kinds of Annual Stocks, which were the only ones brought under the notice of the Committee, is as follows:—

§ 1. Ten-weeks' or German.

In this group, the plants grow about a foot in height; the habit is dwarf, compact, and branching below; and the inflorescence consists of a longer central spike and shorter lateral ones. The choicer kinds in the collection, falling under this head, belong to two subdivisions, one of which has been called by the seedsmen "large-flowered," in contradistinction to those in which the blossoms are of the usual or average size. The most desirable of the kinds were—

(*a*) *Flowers of usual or average size.*

"*Dwarf White*" (Carter): white.
"*Red-brown*" (Carter): dull deep brownish-red or chocolate.
"*Carmine dwarf*" (Carter): light rose-colour.
"*Dark Violet*" (Carter): deep violet-purple.
"*Chamois*" (Carter): pale coppery-pink.
"*Flesh-colour dwarf*" (Carter): pale blush.

(*b*) *Flowers above average size.*

"*Dark Blue*" (Carter): a kind of reddish-purple.
"*Light Blue*" (Carter): pale purple or bluish-lilac.
"*Carmine*" (Carter): light rose-colour.
"*Rose*" (Carter): deep rosy-pink or peach blossom.
"*White*" (Carter): white, tolerably pure.
"*Crimson*" (Carter): rather deeper rose than the sort called "Carmine."

§ 2. Dwarf Ten-weeks'.

This group has the habit and characteristics of § 1; but the plants are dwarfer, averaging about 9 inches in height, and they are also more branched. The variety sent as "Dwarf Crimson"

was considered to be one of the finest and most useful varieties in the whole collection. The best varieties were—

"*Dwarf Crimson*" (Carter), the same as "*New Dwarf Crimson*" (Turner): bright rosy-crimson, dwarf, and free-blooming.
"*Rose hybrid*" (Carter): pale rosy blush.
"*White hybrid*" (Carter): French white.
"*Light Blue*" (Carter): pale bluish-lilac.
"*Flesh-coloured Miniature*" (Carter): pale blush.
"*Chamois*" (Carter): pale pinkish-buff.

§ 3. Branching, or Pyramidal Ten-weeks'.

The plants in the varieties referred to this section are taller than those in § 1; they attain an average height of a foot and a half, and they are also more diffusely branched. Among the annual Stocks they are at once distinguishable by their height and more loosely branched appearance. It is to this group that the term "intermediate," applied to several distinct forms, seems properly to belong. The variety called "White Branching" proved to be remarkably fine; certainly one of the finest in the collection. The most worthy of notice in this group, of which there is also a "large-flowered" subsection, were—

(*a*) ***Flowers of usual or average size.***

"*Victoria Scarlet*" (Turner): very high coloured rosy-carmine. It is suggested that the term "scarlet" should be altogether discontinued, in describing this class of colours, and the word "crimson" substituted.
"*Bright Crimson Branching*" (Carter): bright rosy crimson.
"*White Branching*" (Carter): very pure and fine.
"*Light Blue*" (Carter): pale purple or bluish-lilac.

(*b*) ***Flowers above average size.***

"*New Pyramidal Scarlet*" (Turner), the same as "*Light Carmine Branching*" (Carter): light rose-colour.

§ 4. Bouquet.

The chief characteristic of this group, represented at Chiswick by one variety only, consists in its excessively branched dwarf habit of growth. The plants form a compact flat-topped bush.

about 9 inches in height, everywhere branching repeatedly, and all the little branchlets showing flower-buds; there is consequently a great number of undeveloped flowers, and this, together with a want of brilliancy in the colour, renders the variety much less effective than others of inferior habit. It was called—

"*Dwarf Crimson*" (Turner): very free, the colour a rosy-crimson, somewhat dull, the undeveloped buds and centres being greenish.

§ 5. Miniature.

This section also was represented by one sample only, and may not prove constant. The plants are very dwarf, not more than 6 inches high, having a short, dense, unbranched flower-head, seated closely upon the compact tuft of leaves.

"*Lazuli Blue*" (Carter): pale lilac or French white.

§ 6. Spike-flowered.

These were sent as "Miniatures" along with the variety referred to § 5. They are, however, of a different habit, being taller, growing about a foot high; the stem is almost simple, the few branches being *very short*, setting close to the main stem, and producing a spike-like inflorescence. This as well as § 5 may be inconstant, and of doubtful character. The best varieties were—

"*Dark Blue*" (Carter): deep reddish-purple.
"*Carmine*" (Carter): light rose, with greenish centre, which does not open well.

§ 7. Wallflower-leaved Ten-weeks'.

This group has the characters of § 1; but the leaves are glabrous instead of hoary. There is no other material difference. The following were very handsome varieties: indeed, that called "Dwarf Crimson" was one of the earliest, richest-coloured, and most enduring varieties in the whole collection—

"*Dwarf Crimson*" (Carter): bright rosy-crimson.
"*Sulphur*" (Carter): pale or creamy yellow, the single-flowered plants being white.
"*Carmine*" (Carter): light rose.
"*Flesh-colour*" (Carter): pale blush.
"*Poppy-gray*" (Carter): pale lilac.

§ 8. Branching Wallflower-leaved.

This group has the character of § 3; but with the leaves glabrous as in § 7. The only variety in the collection referable here, and this of good quality, was—

"*Light Blue*" (Carter): pale purple or bluish-lilac.

§ 9. Spike-flowered Wallflower-leaved.

This has a narrow unbranched or very shortly branched spike-like inflorescence, similar to that which occurs in § 6. The variety mentioned below was distinct and handsome—

"*White Wallflower-leaved*" (Carter): white, dwarfish, and compact.

The varieties mentioned above under the names of Dwarf Crimson (§ 2); Victoria Scarlet, and White Branching (§ 3); Dwarf Crimson, and Sulphur (§ 7); and White Wallflower-leaved (§ 9), are stocks of first-rate quality and highly deserving of general cultivation.

Signed. { Joshua Dix, *Chairman.*
Thomas Moore, *Secretary.*

September 13, 1860.

XLVII.—REPORTS OF THE FLORAL COMMITTEE.

(*Continued from p.* 277.)

September 27, 1860.—The Rev. Joshua Dix *in the Chair.*

The following were the subjects exhibited on this occasion:—

Taxus baccata, *var.* **erecta**:—from Mr. W. Crowder, nurseryman, Horncastle. This was a distinct and very elegant form of the common Yew tree, remarkable for the regular and compact pyramidal or cone-shaped figure of the plants. Those which were exhibited, four in number, were about a yard in height, and about a foot in diameter at the base, tapering upwards to a slender point; the branches were erect, close, and regular, and clothed with shortish recurved dark-coloured bluntish leaves. The plants, two of which were unpruned, showed no indication of the bunchy growth observable in other erect-growing kinds. Compared with

the var. *pyramidalis*, which it was thought most to resemble, the habit was more compact and regular, and the leaves shorter, more recurved, and merely acute instead of aristate at the point. It was stated to be a seedling from the common yew, and to maintain the compact and erect habit observable in the plants exhibited. It was awarded a FIRST-CLASS CERTIFICATE, as a distinct and desirable hardy evergreen for formal gardens.

Zinnia elegans, fl. pleno:—from MM. VILMORIN & CIE., Paris, and also from Messrs. CARTER & Co., Holborn. These were varieties of the well-known *Zinnia elegans*, in which the yellow centre or disc was transformed into florets like those of the ray, so as to form rosettes of from two to three inches in diameter, and of various shades of colour, embracing purple, deep rose, light rose, mottled rose, red, orange, and buff. They were for the most part full double and perfectly regular in form, a good deal resembling in their outline a fine double French marigold, but larger in size. Those sent by Messrs. VILMORIN were rather the more perfect of the two in respect to form. It is stated that these new double Zinnias, which afford a real novelty among annual flowers, and are valuable acquisitions in an ornamental point of view, are produced as true from seeds as China asters, the different colours separate, as in the single form. Those from Messrs. CARTER were stated to have been "grown from seed received from a correspondent in Oudh." A FIRST-CLASS CERTIFICATE was awarded to both exhibitors.

Œnothera grandiflora (*Lamarck*):—from Messrs. CARTER & Co. This was described as having "the habit of *Œ. biennis*, with the flowers of *Œ. macrocarpa*." Cut specimens only, of the upper part of the stems, were exhibited, and these were crowded with large bright yellow flowers, of a very showy character. It was regarded as an ornamental plant for large mixed flower borders, and was COMMENDED.

Tropæolum Garibaldi:—from Messrs. J. GARAWAY & Co., Bristol. This was a handsome variety of the Lobbianum section, resembling *Lobbianum elegans* both in habit and general character. The flowers were equally showy, and were regarded as being of a deeper colour, being an intense crimson-scarlet. It was COMMENDED for its colour.

There were also exhibited from Mr. A. WAILLY, Grosvenor Park North, Camberwell Road: **Tropæolum Le Triomphe de l'Univers**: a tall yellow spotted variety.—From Mr. G. McINTOSH, Hammersmith: **Solanum Balbisii**, a soft-stemmed plant with

bipinnatifid pale-coloured spiny leaves, and white flowers. **Phlox Drummondii**, *vars.* **Attraction** and **Unique**, the former a very pretty form with white flowers having a large blue-lilac central star, the latter a very rich rosy purple with dark eye: both being handsome sorts.—From Messrs. Carter & Co.: **Hunnemania fumariæfolia**, already noticed at p. 271.—From MM. Vilmorin & Cie.: **Lobelia marmorata**, a variety of the common *L. bicolor* (that known in gardens as *L. gracilis*), in which the white central spot was larger and more conspicuous than usual.

The following subjects came from the garden of the Society:—

Primula sinensis carminata:—Raised from seeds which had been obtained from M. Benary, Erfurt, under the name of *carminata splendens*. It was a very desirable new variety of the fringed Chinese primrose. The flowers were of a new strain of colour, a kind of salmony rose, likely to render the variety not only useful as an ornamental plant, but also as a breeder. It was highly approved by the Committee.

Lobelia anceps:—Raised from seeds received from Dr. Mueller, Victoria. A trailing plant, with long slender ancipital, or two-edged stems, and producing comparatively large spathulate obscurely-toothed leaves, and small whitish flowers. It is of no value as an ornamental plant.

Calotis cuneifolia:—Raised from seeds received from Dr. Mueller. An erect suffruticose plant of branching habit, having leaves which are wedge-shaped, coarsely blunt-toothed at the end, much narrowed downwards, and then dilated into a cordate subamplexicaul base. The composite flowers are produced freely, but are not attractive; the ray florets, which are pale lilac and narrow, spread out to a diameter of about three-quarters of an inch. It was introduced long since, and can only be regarded as a garden weed.

Brachycome graminea:—Raised from seeds received from Dr. Mueller. A very slender prostrate branching plant, with linear leaves, and small white flower-heads on long filiform peduncles. It is quite worthless as a garden plant.

Messrs. Carter & Co. exhibited dried specimens of the following, which had been received from the continent through the post-office:—

Linum grandiflorum, *var.* **purpureum**:—This appeared to be a large purple-flowered variety of the beautiful crimson flax, and

promised to be a desirable novelty, but the Committee declined to offer any opinion on its merits in the absence of the growing plant.

Coreopsis "mosseaux":—A curious variety, in which the stems were apparently furnished with narrow serrated wings, which gave them a shaggy or "mossy" appearance.

Besides these, there were, of Florists' flowers:—

Dahlia Beauty of Hilperton:—from Mr. J. B. EDWARDS, Hilperton, near Trowbridge. This was a large-sized flower, of neat form, and of a light purple colour. It was awarded a FIRST-CLASS CERTIFICATE.

Dahlia Princess of Prussia (*Pullen*):—from Mr. TURNER, of Slough. A medium-sized well-formed bright yellow, with compactly cupped florets. COMMENDED.

Dahlia George Parker:—from Mr. TURNER. A neat and compact flower. Blush with whitish centre, the florets just tipped by a purple line. COMMENDED.

Dahlia Juno:—from Mr. G. RAWLINGS, Bethnal Green. A medium-sized, full, and neatly-formed rosy lilac, which has proved very constant throughout the season. COMMENDED.

Dahlia Lord Derby:—from Mr. POPE, Chelsea. A flower of good outline, large and very full, the colour a bright rosy-purple. COMMENDED.

Gladiolus Herr Rosenberg:—from Mr. STANDISH, Bagshot. A remarkably brilliant rosy-carmine variety, which was COMMENDED for its colour.

Gladiolus Mrs. Blount:—from Mr. STANDISH. A showy pale-coloured variety, white boldly striped on the lower segments with dark crimson purple. It was COMMENDED.

There were also several additional subjects exhibited, namely:—

Gladiolus:—from Mr. STANDISH: **Mrs. Duffield**, a blush white streaked with rose, the two petaline divisions of the perianth flushed and pounced with deeper rose, the base of the flower being dark rose-crimson; this promises to be a very distinct and handsome sort. **Mrs. Peach**, salmon pink, with deep rosy carmine stripes. **Signor Jacksoni**, creamy yellow, with purple stripes. **Mrs. Pollock**, blush white, with purple stripes.

Dahlias:—from Mr. POPE: **Queen of Fairies**, a small sulphur, tipped with lilac.—From Mr. J. B. EDWARDS: **Lady Bisshopp**, blush. **Yellow Perfection**, bright yellow. **Garibaldi**, salmony buff;

No. 14, maize colour: all of average quality.—From Mr. TURNER: **Delicata,** sulphur edged with rosy-lilac, a very pretty flower, but rather open in the petals. **Norah,** dark purple crimson tipped with white. **Pauline,** salmony-buff, slightly tipped with white. **Dinorah,** sulphur yellow. **Hon. Mrs. Lindsay,** deep lilac. **Etonia,** drab, purple at the back: these were of average merit.—From Mr. G. COLLYER, Bethnal Green: **Princess of Prussia,** yellow, edged with red. From Mr. KEYNES, Salisbury: **Masterpiece,** a commended variety, which maintained its previous character. **Goldfinch,** a large striped flower.—From Mr. R. ASHCROFT, West Derby: **Tom Thumb,** a compact purple bedding variety, the habit of which could not be ascertained from the sample exhibited.—From Mr. T. COOPER, Greenhammerton, York: **Excelsior,** coppery buff.—From Mr. A. MERCER, Terraughtie gardens, Dumfries: **Annie Laurie,** buff-yellow, faintly tipped with red.—From Mr. LEGGE, Edmonton: **Prince of Wales,** yellow, tipped with white.—From Mr. G. RAWLINGS: **Joy,** a constantly pretty variety, already commended. **Miss Jones,** a well-formed but dull-coloured red and white tipped sort. **Peri,** a large French white, but somewhat coarse.

Fuchsias:—from Mr. KEYNES: **Excelsior,** a large flowered sort, with pale purple corolla.—From Messrs. F. and A. SMITH, Dulwich: **Striata,** a variety with good red sepals, and a small striped corolla.

Pelargonium (*zonale*) **Meteor**:—from Messrs. F. and A. SMITH. A variety with bold horse-shoe-marked foliage, and large bright scarlet flowers; a good sort, but considered to be no improvement on others in cultivation. **Rosalind,** flowers cerise or rosy-scarlet.

Verbenas:—from Mr. G. SMITH, Hornsey Road: **Etna,** light scarlet. **Palermo,** blush, with very dark red centre.

October 11.—The Rev. JOSHUA DIX *in the Chair.*

The subjects exhibited on this occasion were:—

Gladiolus Rev. Joshua Dix:—from Mr. STANDISH, Bagshot. This was a seedling of vigorous habit, bearing a bold spike of large showy flowers, turned to one side so as to form a fine face; the segments of the perianth were broadish ovate, and obtusely apiculate, of a bright crimson-scarlet, flushed in the lip (lower inner segment) with rich purple. It was a very handsome new variety, brighter in colour than *Brenchleyensis* and *Couranti*

fulgens, which were both compared with it; the flowers were also much larger, and they were symmetrical in form. It was awarded a First-Class Certificate.

[The form in this case was symmetrical, constituting an erect triangle, the three outer or sepaline divisions being placed at equal distances, and so that one of them, the dorsal one, was erect forming the apex, and the two lateral ones divergent forming the base of the triangle, The inner or petaline divisions formed a reversed triangle, the two upper ones standing right and left, and the lower being directed downwards, and forming a lip to the flower. In another form, found among the varieties of this flower, as for example in *Brenchleyensis*, the triangle formed by the three outer segments is reversed, and parts are arranged on a plan opposite to that just described, the point of the outer triangle being turned downwards, while the two large upper sepaline segments standing right and left appear like wings. In varieties having this latter form, the dorsal segment is petaline instead of sepaline, and the three inner or petaline segments together form a triangle with its apex erect. Both these forms of flower are symmetrical, and they are perhaps equally effective. Now that varieties are becoming numerous, some such arrangement of the parts as those indicated above, ensuring symmetry in the flower, should be insisted on in all novelties having any pretension to rank as meritorious varieties.—T. M.]

Hollyhock Advancer:—from Mr. Johnston, gardener to the Hon. M. C. Maxwell, Terregles, Dumfries. This variety was stated to be a sport from King of the Buffs, and of excellent form, with moderate well proportioned guard petals, of full average size, the centre compact and globular. The colour was rather dull, as exhibited, but the specimen was evidently past its best; it was of a mottled red, the petals paler, almost white at the edges. This flower was Commended on account of its form.

Stenocarpus sinuatus:—from Mr. A. Dancer, Fulham. This was a small but well bloomed example of a very handsome Proteaceous plant, which has been called *Agnostus sinuata*, and *Stenocarpus Cunninghami*—a plant very rarely indeed met with in a blooming state, but whose umbellate heads of rich scarlet and yellow flowers are of a very ornamental character. A Special Certificate was awarded to Mr. Dancer, for the production of this beautiful greenhouse shrub in a flowering state.

The remaining exhibitions were as follows:—

Tricyrtis elegans:—from Mr. STANDISH. This was a curious dwarf herbaceous plant, introduced from China by Mr. FORTUNE. The stems were erect, a foot and a half high, bearing sessile cordate-ovate shortly acuminate leaves, which were longitudinally nerved, and had a slightly crimped or undulated edge. The hexandrous flowers grew in a terminal dichotomously branched panicle. The perianth was rather more than an inch in expansion reflexed, white slightly spotted with purple, the three outer divisions broader and saccate at the base. The style was of the same colours as the perianth, petaloid, bearded with glands, prominent, and branching at the end into three recurved arms, each of which was deeply forked. Though not a showy plant, it was of very curious and interesting structure.

Arundinaria sp.:—from Mr. STANDISH. This was a dwarf, slender, tufted Bamboo-like plant, with the foliage striped with white, somewhat in the same way as the common Ribbon-grass. It will, no doubt, form a neat and elegant addition to this class of plants: but was hardly sufficiently developed.

Fuchsias:—from Messrs. VEITCH & SON, Exeter: **Princess Alice**, a vigorous habited and free-blooming sort, with moderate-sized flowers, of which the narrow sepals were light coral red, and the petals rather elongated, white streaked with red. It was considered to be not equal to the varieties called *Princess of Prussia* and *Fascination.* **Garibaldi**, a vigorous-growing, large-flowered, semi-double, red and purple variety, but inferior to that called *Sir Colin Campbell.*

Polystichum angulare, *var.* **lineare**:—from Mrs. THOMPSON, Exeter. One of the curious and rare, as well as elegant, varieties of this fine and variable species, but already distributed among fern growers. Its pinnules, especially the basal ones, often assume a linear outline, as also do the confluent apices of the pinnæ, especially in the upper part of the frond. Others of the pinnules are generally much depauperated.

Russell's pyramid Chinese Primrose:—from Mr. G. CLARKE, Brixton Hill. These were well-coloured forms of the ordinary fringed variety of Chinese Primrose.

Campanula arrecta:—from Mr. J. YOUNG, Taunton. This was an interesting and rather showy plant, of which the following account was furnished:—"The history of the plant is this. Some years since I impregnated the flowers of some hybrid *Campanula primulæfolia* which I had previously raised, with some

other varieties, and near the spot where these plants were growing, sprung up the plant of which that I send is the offspring. It appears to be a biennial, the present plant having been raised about a year ago. Early in the season the plants grew rapidly, but from the unprecedentedly cold summer they have opened but few of their flowers, which are most abundantly formed on the upright stalks, as many as thirty of which are to be found on one plant." The whole plant was very hairy. From a spreading tuft of radical, oblong spathulate, coarsely-crenated, primrose-like leaves, sprang numerous stems, which were perfectly erect, and erectly branched, rising in succession, and reaching 2 feet or more in height; these were fastigiately branched from the axils of the stem leaves, which latter in the upper part become oblong; the branches appear to produce a terminal flower and then to branch again, the whole forming a narrow erect compound inflorescence. The flowers are about the size and shape of those of the chimney campanula, but of a deep blue purple, and probably have a very good effect in the borders of a flower garden.

Œnothera ripario-glauca:—from Mr. Young, Taunton. These were small cut specimens of what appeared to be a very handsome decorative plant, but of which the habit was not shown. The leaves were lance-shaped, almost entire, and the flowers were nearly or quite two inches in diameter, and of a rich deep yellow. They were much admired, and it was desired that the entire plant should be shown, in order that its habit might be ascertained. Mr. Young stated that "it was raised a few years since by crossing *Œ. riparia* with *Œ. glauca*," and that "it is well calculated for bedding purposes, continuing a very long time in bloom, and being of very easy cultivation." [Specimens subsequently forwarded, showed this to be a much-branched plant, of moderate height, which by pegging down might be made available for bedding out in the flower-garden. It appeared to be a free-blooming hybrid, and was very showy —T. M.]

Tydæas:—from Mr. Smythe, gardener to Lord Sondes, Elmham Hill, Thetford: **Smythii**, and **Elmhamensis**, two pretty varieties, described as having been raised between *T. Eeckhautei* and *Locheria magnifica*, and to be varieties of free blooming habit. The flowers were of medium size, with shaggy orange-scarlet tubes, and a whitish limb marked with lines and spots of deep rich lake or purplish crimson.

Verbena Fireball:—from Mr. Eckford, gardener to Earl Radnor, Coleshill, Berkshire. The flowers were of a bright

deep scarlet, with a small lemon-coloured eye, and were produced in close compact trusses. The variety was described as "a good bedding sort, being of close habit, blooming in profusion, producing moderate-sized foliage, and flowering in small compact trusses almost as round as a ball." It was thought to be probably a good variety for the purpose indicated, but no opinion on this point could be formed from cut specimens, especially at so late a period of the season.

Gladiolus:—from Messrs. YOUELL & Co., Great Yarmouth. Bunches of the flower-spikes of *Brenchleyensis*, and of a collection of other well-known named varieties, consisting of *Prince Alfred*, *Madame Paillet*, *Fanny Rouquet*, *Madame Haywin*, *Galanthe*, *Edith*, *Aristotle*, *Ophir*, *Adonis*, *Penelope*, *Mazeppa*, *Hebe*, and *Impératrice*.

November 8.—JOHN JACKSON BLANDY, Esq., V.P.H.S., *and afterwards the* REV. JOSHUA DIX, *in the Chair.*

A report, prepared by the Secretary, on the Annual flowers grown for trial at Chiswick, was read and agreed to.

The following plants and flowers were produced:—

Celosia aurea:—from Mr. TURNER, Slough. This, though not a new plant, is by no means so generally known as it deserves to be. A very finely-grown bush, nearly a yard high, and as much in diameter, laden with golden plumes, was exhibited on this occasion, and was awarded a SPECIAL CERTIFICATE as an example of good cultivation, very well illustrating the beauty of the plant under proper treatment. It is a common species in India, where it is called *Huldee Moorga;* and is an annual, with soft pithy stems of a very pale green, branching freely from the base, and clothed with long elliptic lance-shaped leaves, which are wavy at the margins and attenuated at the point. The branches all terminate in large pyramidal compound heads of small coloured bracts, having the appearance of golden plumes. All the divisions of the twice-branched inflorescence are elongated into little tail-like points. A few colourless perfect flowers are borne at the base of the branches, the rest consisting of small narrow golden-yellow pointed bracts, convolutely twisted around the coloured axis. The inflorescence is very durable, continuing in beauty for two or three months, if the plants are kept in a situation where the stems and leaves are

unaffected by cold moisture. It is, under good cultivation, an invaluable plant for autumnal decorative uses.

Chrysanthemum Lady Hardinge:—from Mr. SALTER, Versailles Nursery, Hammersmith. This was a tall-growing large-flowered variety, of excellent properties, the flowers on the not specially cultivated seedling plant being about three inches across, almost globular from the high crown of close incurved florets. The colour was a light rose, paler at the back of the florets, and in the younger stage somewhat yellowish at the tips. It was considered worthy a FIRST-CLASS CERTIFICATE, being a useful acquisition among show flowers. This and the other varieties exhibited by Mr. Salter, were seedlings of 1859.

Chrysanthemum Little Harry:—from Mr. Salter. This, which was one of the large-flowered section, was remarkable for its dwarfish and free-blooming character, for which properties it was COMMENDED. The flowers were of a shaded orange-yellow, deeper at the centre, rather flat in form, but they were not fully opened. It was, however, very showy, and from its excellent habit, likely to prove a useful decorative sort.

Statice profusa:—from Messrs. PARKER & WILLIAMS, Holloway. This new form of Statice was stated to be a hybrid raised between *S. Holfordi* and *S. puberula*. It is in habit intermediate between the parents, subshrubby, furnished with longish moderate-sized spatulate leaves, and numerous branched flower-stems, which bear an abundance of flowers much like those of the allied kinds, the calyx being of a bluish purple, and the corolla white. The merit of this new kind consists in its moderate growth, and its quality of continuous blooming, the established plants producing a constant succession of flower-stems, and the young plants flowering when of very small size. It was stated that the specimens exhibited, which were large masses nearly two feet high and wide, had not been out of flower for the last fifteen months. It was COMMENDED as a useful greenhouse plant of a very interesting family, the award being specially made on the ground of its perpetual blooming habit.

The remaining exhibitions were as follows:—

Taxus baccata, *var.* erecta:—from Mr. RIVERS, Sawbridgeworth. This was a variety obtained on the Continent a few years since under the above name, which has been also given to a variety said to be a seedling, exhibited in September last by Mr. CROWDER (see p. 287), and awarded a First-Class Certi-

ficate. The continental kind was now shown by Mr. RIVERS, with the object of arranging the nomenclature so as to avoid confusion. The plant, however, bore so strong a resemblance to that rewarded on the occasion referred to, that the Committee thought it desirable to have the two plants exhibited side by side at the next meeting, for the purpose of clearing up any doubts respecting their distinctness.

Hybrid Gesneras:—from Mr. BOUSIE, gardener to Lord TAUNTON, Stoke Park, Slough. These were hybrids produced between *cinnabarina* and *zebrina*, and partook of the characters of both parents. They were individually very handsome kinds, with rich red and green-shaded velvety leaves, in some instances covered with red hairs, and they bore large orange-scarlet spotted-mouthed flowers, of various shades, in erect racemes standing above the foliage. They were considered less brilliant, both as to flower and foliage, than the best forms of the rather variable *G. cinnabarina*.

Celosia (*cristata*) **coccinea**:—from Messrs. VEITCH & SON, Chelsea. This was shown as an *Amaranthus* raised from imported seeds, said to have been received from China. It is a common annual plant in India and China, and is probably the parent of the garden Cockscomb. The plants exhibited were tall, branching, and free-flowering in habit, and appeared to be desirable subjects for the decoration of warm conservatories along with *C. aurea*, with which their deep Magenta-coloured inflorescence affords a marked contrast. They varied from two to three feet high, branching more or less freely, sometimes abundantly, and were furnished with alternate elliptic lance-shaped stalked leaves. The inflorescence sprung both from the ends of the stems and branches, as well as from the axils of the leaves, the terminal spikes being the larger in size. The spikes, which were sparingly furnished with perfect flowers at the base, were generally narrowish, elongated, and branched, but more or less dilated at the apex into the cockscomb form. The colour was of a bright reddish-rosè, varying sometimes with a more empurpled, or with a lighter orange-tinted hue. Though comparatively little known, it was mentioned that this form of Cockscomb is imported annually from Germany along with the seeds of other flowers. It is a fine autumnal decorative plant deserving of more extended cultivation.

Clerodendron calamitosum:—from Messrs. VEITCH & SON. This, which was COMMENDED last year, was again shown in a freely-bloomed condition, and proves an interesting dwarf stove bush.

Skimmia japonica :—from Mr. C. NOBLE, Bagshot. A fine group of young plants of this very ornamental, hardy, evergreen shrub, loaded with coral-coloured berries.

Cotoneaster Symondsii :—from Mr. STANDISH, Bagshot. A very elegant and little known hardy evergreen shrub, of erect habit, furnished with elliptic leaves, larger than, but resembling, those of *buxifolia*. The plants, at this season of the year, are loaded with large orange-scarlet berries, which render them exceedingly ornamental.

New Zealand Ferns :—from Messrs. J. & C. LEE, Hammersmith. A group containing several interesting forms of hardy greenhouse Ferns, among which young undeveloped plants of *Polystichum vestitum*, var. *venustum*, were particularly elegant.

Calceolaria augustifolia globosa :—from Mr. BURLEY, nurseryman, Limpsfield. This was a variety of dwarf, bushy habit, and a free-flowerer: the flowers with a large, inflated lower lip, nearly globose, pale yellow. The plants were much injured by carriage, and it was recommended that they should be shown again early next summer, at the more natural season.

Variegated Plants :—from Mr. SALTER. These consisted of **Geranium macrorrhizon, fol. var.**, in which the variegations were yellowish; **Fuchsia corymbiflora, fol. var.**, with whitish markings; **Veronica Chamædrys, fol. var., pulcherrima**, prettily silver-variegated; and **Apium graveolens, fol. var.**, a variegated dwarf kind of Celery.

Chrysanthemums :—from Mr. SALTER: **Rifleman**, a large flowered chestnut-red, the flower-heads thin and flat. **Jessie**, a compact intermediate variety, with small buff-stained yellowish flowers. Neither of these varieties were sufficiently advanced.

XLVIII. REPORTS OF THE FRUIT COMMITTEE.

(*Continued from p.* 283.)

September 20, 1860. Mr. C. EDMONDS, F.H.S., *in the Chair*.

The Committee on this occasion met at the Garden at Chiswick, and proceeded to examine such of the Grapes in the large vinery as were in a ripe condition. The following were more particularly noticed :—

Blussard Noir :—This grape was found to be much more productive this season than last, almost every lateral producing

a bunch; but, as was the case last year, the bunches were small. The berries were very well flavoured, and bore considerable resemblance to those of the *Black Hamburgh* in that respect, but the skin was thick. From the exceedingly healthy and robust habit of the Vine, the productive character it has assumed, and the altogether excellent flavour of the fruit, the Committee was of opinion that this is a Grape worthy of notice in large establishments, where a variety of sorts can be grown.

Early Kienzheim:—This remarkably early grape of the Chasselas race ripened in the first and second weeks of August. The plant seems to be a good bearer, but the bunches and berries were small. The flavour was very good, being sweet and pleasant; and after hanging for a month or six weeks the flesh becomes rather firm, and the juice inspissated and rich. This was recommended as a good Grape, and valuable for its earliness.

Black Monukka:—The bunches on this variety have, this season, been of a very large size, and very densely furnished with the singular ovate-cylindrical berries, which are destitute of seeds. It was considered a variety well worthy of notice.

Burchardt's Amber Cluster:—The high opinion that was formed of this early white Grape last year was fully confirmed by the present Committee, which decided that it was an excellent early variety.

Golden Hamburgh:—The great productive power of this Grape has, this season, been the source of universal admiration, the plant from one end to the other being completely laden with immense bunches, with berries of very large size. The flavour was inferior to what it was last year, owing doubtless to the heavy crop, to the great amount of rain, and to the Vine being planted in the outside border; but it was nevertheless of such a character as to warrant the Committee in expressing the opinion that it is a most valuable Grape.

Black Hamburghs:—The Committee confirmed the opinion formed last season with respect to the Black Hamburghs, with the exception of the **Mill Hill Hamburgh**, which was now found to be without doubt a very distinct variety. Not only was it distinguished from all the other Black Hamburghs by the pale wavy and drooping foliage; but the berries, which were of the size and form of the *Dutch Hamburgh*, were thin-skinned and tender-fleshed, characters which at once distinguish it from that variety, which it most nearly resembles in appearance.

Muscat Citronelle:—This small Chasselas-like Grape pro-

duced small bunches and small berries, which had a distinct Muscat or rather Frontignan flavour. It was found to be an agreeable little Grape, that might be recommended on account of its earliness.

Muscat Ottonel :—This, which is also a small Chasselas-looking Grape, produced small bunches, but the berries have a Muscat flavour. The flesh was found to be much more firm and fleshy than that of either the *Muscat Citronelle* or the *Muscat St. Laurent*, but the flavour on this occasion was not found to be such as to recommend it as a first-rate variety. It may, however, be found worthy of cultivation out of doors, since it ripened its fruit this season in the vinery so early as the middle of August.

Muscat St. Laurent :—This, which is also a small-bunched Muscat, of the Chasselas race, had tender flesh like the *Muscat Citronelle*, but with a more decided Muscat flavour than that variety. The berries were small, yellowish-green, and well set on the bunches. Like the preceding Muscats, it is an early variety, and ripened this season in the middle of August.

Verdal :—The bunches and berries of this variety were somewhat similar to those of *Burchardt's Amber Cluster*, but the latter was very much superior to it both in flavour and earliness. The variety was nevertheless considered a good Grape, and had the appearance of being capable of ripening its fruit out of doors against a wall. In the large vinery the crop ripened this season in the end of August.

PLUMS.—From Mr. JESSOP, Chiswick: baskets of the following varieties, which were remarkably fine, being of large size and well coloured:—**Diamond, Pond's Seedling, Denyer's Victoria,** and **Reine Claude Violette.**

October 9, 1860.—Mr. C. EDMONDS, F.H.S., *in the Chair.*

The following prizes had been offered at this Meeting, namely: —For GRAPES, Collections of not less than ten varieties, the fruit of each to be accompanied by specimens of its leaves: 60*s.*, 30*s.* —For single dishes of PEARS: SECKLE, 20*s.*, 10*s.*; WHITE DOYENNÉ, 20*s.*, 10*s.*; FONDANTE D'AUTOMNE, 20*s.*, 10*s.*; BEURRÉ SUPERFIN, 20*s.*, 10*s.*; MARIE LOUISE, 20*s.*, 10*s.*; Any other variety, 20*s.*, 10*s.* There were numerous exhibitions in these classes.

Grapes.

For the prize offered for a collection of Grapes, there were two competitors: Mr. Henderson, F.H.S., Gardener to His Grace the Duke of Sutherland, F.H.S., Trentham; and Mr. Hill, Gardener to Ralph Sneyd, Esq., F.H.S., Keele Hall. The *First Prize* was awarded to Mr. Hill, and the *Second Prize* to Mr. Henderson.

The collection of Mr. Hill consisted of *Black Hamburgh, Trentham Black, West's St. Peter's, Sahibee, Bidwill's Seedling, Mill Hill Hamburgh, Black Prince, Old Tokay, Golden Hamburgh, Lady Downe's Seedling, Lady Downe's Seedling* grafted on Black Hamburgh, *Muscat of Alexandria, Muscat noir d'Angers, Muscat de Saumur, Black Eagle,* and a Grape from Corfu called "*Crocante mon de Santo G. cornuta.*" The most remarkable feature in the collection was the difference exhibited in two bunches of *Lady Downe's Seedling:* one from a plant on its own roots, and the other from a shoot grafted on the Black Hamburgh. In the former the berries were rather small and quite black, and the bunch was somewhat ovate in shape; but in the latter the bunch was long and cylindrical, and bearing berries as large again as in the other case, of a mottled green and brown colour, and quite round. The flavour in both cases was the same. The Grape in the collection marked "*Crocante mon de Santo G. cornuta*" was a long narrow loose and tapering bunch, a foot long, with short loose pendent shoulders; berries about medium size, not at all large, roundish-oval, set on slender pedicels, and with a large receptacle; colour grizzly, like the *Grizzly Frontignan;* skin rather thick and tough; flesh tender, rather firm and croquant, sweet and agreeably flavoured. It was not a first-rate Grape, and bore considerable resemblance to the variety grown in the large vinery at Chiswick under the name of *Œillade précoce.*

Mr. Henderson's collection consisted of *Canon Hall Muscat, Muscat of Alexandria, Bowood Muscat, Barnes' Muscat, Charlesworth Tokay, Muscat Hamburgh, Black Hamburgh, Gullet's Hamburgh, Victoria Hamburgh, Golden Hamburgh, Barbarossa, Lady Downe's Seedling, White Romain, Late White, White Tokay*, and a seedling variety which produces small bunches, and small black round berries, but which was not ripe. The Committee was of opinion, judging from the fruit exhibited in this collection, that the Grapes called *Bowood Muscat* and *Barnes' Muscat* are identical. The *Charlesworth Tokay*, moreover, was found to bear considerable resemblance to them; but further

observation, and additional means of comparison, were necessary before deciding upon their identity or otherwise. *Pope Hamburgh* and *Victoria Hamburgh* were both identical with the *Black Hamburgh* shown in this collection, all three being the same as the *Frankenthal* of the Chiswick collection. *Gullet's Hamburgh* seemed distinct from the foregoing; it was considered intermediate between the Dutch Hamburgh and Frankenthal, if it does not prove to be actually the same as the former, to which it is very nearly allied.

OTHER GRAPES.—From Mr. CHARMES, of Exeter: a Seedling Black Grape, with bunches six to seven inches long, not shouldered; the berries rather large, oval, and black; skin thin; flesh tender, juicy, and with a distinct trace of Muscat flavour. This Grape promised well, but was in bad condition, being very much bruised, and not well cultivated.—From Mr. IVERY, F.H.S., Dorking: a bunch of **Buckland Sweetwater,** which was decidedly inferior in flavour.—From Mr. INGRAM, gardener to J. J. BLANDY, Esq., V.P.H.S., Highgrove, Reading: three bunches of a Seedling Black Grape, raised at Reading, the bunches of which resembled in size and shape those of the *Black Prince*, but the berries were round and only of medium size. This variety had a handsome-looking bunch, but the flavour was not remarkable; nevertheless, should it ripen well out of doors, as Mr. INGRAM's communication seemed to indicate, it may prove a valuable variety for that mode of culture. Mr. INGRAM's letter was as follows:—

"I herewith send you a Seedling Grape, which was raised by a gentleman in Reading, some years ago, from the seed of an out-door vine. This gentleman has grown the vine for years out of doors, and always had an excellent crop on it, the fruit always ripening well. This induced me to give it a trial under glass. The specimens sent are from a plant struck from an eye in 1859, and grown in a 13-inch pot. The vine, although but a small plant, showed fruit at almost every eye. I cut all off but seven bunches. Some of the other four bunches are larger than the specimens I have sent. The fruit was ripe in June. Along with this vine I have grown *Black Hamburgh*, *Royal Muscadine*, *Black Prince*, and *Muscats*, as well as other plants; and though the other grapes were shrivelling and damping a month ago, I have as yet not had a decayed berry on this, which makes me think it will be excellent for late work, or for a greenhouse, while for out-door culture I have never seen anything to equal it. I can only add that this is the most prolific and the best setting variety of grape that has ever come under my notice."

PEARS.

The collections exhibited for the prizes offered for Pears were as follows:—

Seckle:—There were in this class five competitors: Mr.

ROBINSON, gardener to R. BENYON, Esq., M.P., F.H.S., Englefield House, Reading; Mr. PARK, gardener to G. H. VERNON, Esq., East Retford; Mr. WILLIAM CARMICHAEL, gardener to the COUNTESS of DUNMORE, Dunmore Park, Falkirk; Mr. E. SPIVEY, gardener to J. A. HOUBLON, Esq., F.H.S., Hallingbury Place, Bishop's Stortford; and Mr. BAIN, gardener to ALGERNON PERKINS, Esq., F.H.S., Hanworth Park. Of these, all of which were remarkably fine and unusually large, there were only two dishes that were ripe. The *First Prize* was awarded to Mr. BAIN, and the *Second Prize* to Mr. PARK.

White Doyenné:—There were only two competitors: Mr. MASON, Hill House, Mangotsfield, near Bristol, took the *First Prize*, and Mr. SPIVEY the *Second Prize;* but in both instances the flavour was very inferior, which is doubtless attributable to the coldness of the season.

Fondante d'Automne:—There were two competitors: Mr. WHITING, C.M.H.S., gardener to H. T. HOPE, Esq., F.H.S., the Deepdene; and Mr. SNOW, Wrest Park. Those of Mr. WHITING, though considerably smaller than those from Mr. SNOW, were infinitely superior in flavour, and obtained the *First Prize*, the *Second Prize* being awarded to Mr. SNOW.

Marie Louise:—There were ten dishes exhibited. The fruit were generally remarkably large and fine, but as all were unripe, it was decided that the whole should be sent to the fruit-room at the Garden, till they had ripened, to be then judged by a Sub-Committee. The exhibitors were: — Mr. J. HOPE, gardener to LADY BUXTON, West Ham; Mr. W. CARMICHAEL, gardener to the COUNTESS OF DUNMORE, Dunmore Park; Mr. J. McLAREN, Cardington, Bedford; Mr. A. HENDERSON, Trentham; Mr. R. MARCHAM, gardener to E. OATES, Esq., Hanwell; Mr. POTTLE, Suffolk; Mr. ROBINSON, gardener to R. BENYON, Esq., M.P., Englefield House; Mr. E. SPIVEY, Hallingbury, Essex; Mr. W. BAIN, Hanworth Park, Hounslow; and Mr. MASON, Hill House, Mangotsfield. The Sub-Committee awarded the *First Prize* to Mr. BAIN, and the *Second Prize* to Mr. SPIVEY.

OPEN CLASS.—In this class there were 18 competitions, almost the whole of the fruit being unripe. The *First Prize* was awarded to Mr. RALPH, Mount Felix, Walton-on-Thames, for **Gansel's Bergamot**; and the *Second Prize* to Mr. WHITING, C.M H.S., for **Beurré d'Amanlis**. Among the others exhibited, **Beurré d'Amanlis**, from Mr. CRAMBE, gardener to the Earl

Ducie, V.P.H.S., Tortworth Park, were particularly large and handsome; and the **Louise Bonne of Jersey,** from Mr. Henderson, F.H.S., Trentham, were brilliantly coloured, looking as handsome as Forelle. G. F. Wilson, Esq., F.H.S., Vauxhall, exhibited very large and handsome specimens of **Maréchal de la Cour, Doyenné Goubault, Triomphe de Jodoigne,** and **Beurré Langelier**, grown in an orchard house.

PINE APPLE.—From Mr. J. Oates, gardener to Lord Leigh, Stoneleigh Abbey, Kenilworth: **Oates' Seedling**, the result of a cross between the *Queen* and the *Montserrat.* The fruit weighed 3 lbs. 7 oz., and was of a pyramidal shape; the pips large and flat; the colour a deep orange; the flesh yellow, tender, very juicy, richly flavoured and piquant. It was awarded a First-Class Certificate.

PEACHES.—From Mr. J. Veitch, F.H.S., Exeter: two Seedling Sweet-kernelled Syrian Peaches, which, on account of the coldness of the season, had not come to their proper flavour.

NECTARINE.—From Mr. Ingram, F.H.S., gardener to Her Majesty, at Frogmore: a late Seedling Nectarine, which was stated to ripen at the same time as the Late Admirable Peach. The fruit was small and deficient in flavour; and it was recommended that it should be exhibited again next year, when a more favourable season might have a better influence upon it. It was stated to have been better flavoured last year.

MELON.—From Mr. Henry Bailey, C.M.H.S., gardener to G. C. Harcourt, Esq., M.P., Nuneham: **Ne plus ultra**, a seedling which had grown up promiscuously in a frame, and the origin of which is unknown. It measured 17½ inches in circumference, and weighed 3 lbs. It was round, of a dark green colour, finely netted; the flesh tender and melting even to the rind, sweet, and richly flavoured. This received a First-Class Certificate.

PLUMS. — From Mr. Snow, Wrest Park: a dish of **Coe's Golden Drop,** which was the object of general admiration. The fruit was large, of a fine rich yellow colour, and brilliantly spotted with crimson. **Reine Claude de Bavay,** large and well-grown, with firm breaking flesh.—From Mr. Hope, gardener to Lady Buxton, West Ham: **Reine Claude de Bavay,** equally fine as those from Mr. Snow, and with tender melting flesh. **Goliath,** very nicely grown.—From Mr. Webster, gardener to His Grace the Duke of Richmond, Gordon Castle, N.B.: a Seedling Plum, raised in 1855, from the *Jefferson.* Mr.

Webster stated that the seed was saved from a branch which was grafted on a Green Gage tree, and which it was thought might have partaken of some of its pollen. The seedling was budded by its parent's side on the same tree, and consequently both were in fruit together; it was found to be, like its parent, a remarkably free bearer, and ripened a week or ten days earlier. The fruit, which was of the size of that of its parent, was of a decidedly obovate shape, and very much flattened laterally; the skin thin, of a greenish-yellow colour; flesh very tender, melting, and juicy, sweet and rather richly flavoured. Considering that it was grown so far north as Gordon Castle, in Morayshire, the Committee was of opinion that this might prove a very excellent Plum; but before making any decision on its merits in comparison with the other varieties already in cultivation, they recommended that it should be grown in the south, and under circumstances similar to those under which our best varieties are produced.—From Mr. Kerr, gardener to M. G. Thoytts, Esq., F.H.S., Sulhamstead House, Reading: a nice dish of **Pond's Seedling.**—From Mr. Ingram, F.H.S., Frogmore: a seedling called **Frogmore Late Green Gage,** a variety which ripens three weeks later than the old variety. This had all the appearance and qualities of the old *Green Gage*, but there are already several late forms of this Plum in cultivation, and the Committee was of opinion that Mr. Ingram's seedling was not an improvement upon them, either in regard to quality or lateness.

APPLES.—From Mr. Turner, F.H.S., Slough: a dish of **Grenadier,** a large codlin-like fruit adapted for kitchen use.—From Mr. Hope, East Ham: fine and handsomely-grown specimens of **Ribston Pippin, Blenheim Pippin, Kerry Pippin,** and **Alexander.**

The Secretary reported that the trials at the Garden of the crops of **Cucumbers** and **Kidney Beans** had been a complete failure, the cold and wet season having had such an effect upon the collections of these vegetables that it was found to be impossible to make correct and satisfactory comparisons of the vast number of varieties which had been gathered together.

XLIX.—REPORT ON ANNUALS

GROWN FOR TRIAL AT CHISWICK: 1860.

By THOMAS MOORE, F.L.S., F.H.S., *Secretary to the Floral Committee.*

The experimental trials of annual flowers made during the past summer at the Garden at Chiswick, have doubtless, like those of other plants, been influenced in some degree by the unpropitious nature of the season, and therefore the opinions pronounced on the respective subjects may not be regarded as altogether final. Nevertheless, it was found that the majority of the plants belonging to this class acquired a very fair state of development, and some may even have preferred the moisture and comparative coolness which were prevalent, to the more heated and parching conditions of soil and climate which are the concomitants of ordinary summer weather.

The observations embodied in this Report were made from time to time during the summer, the plants having been examined by the Committee, as they reached the flowering state.

Acroclinium roseum . . . VAN HOUTTE.

This pretty Swan River Everlasting, raised in gentle heat, and afterwards planted out, came into flower early, and continued for a considerable period in blossom. It grew about a foot or rather more in height, forming a tuft of erect stems, which were unbranched, bearing narrow leaves, and each terminated by a single showy flower-head, which in most cases was pink becoming paler in age, but was sometimes white, the centre or disk always yellow, and the ray of coloured involucral scales, somewhat dry and membranous in texture, like what are known as Everlasting flowers. It proved to be a distinct and pretty border plant, for early summer flowering.

Ageratum mexicanum album . . CARTER & CO.

A very unattractive plant, the flower-heads of a dirty white.

Ageratum mexicanum nanum . . . THOMPSON.

A good dwarf variety of *Ageratum*, with a diffusely branched habit, the leaves almost deltoid in outline, coarsely-toothed, and

the stems bearing large heads of clear pale or grayish-blue flowers. Useful as a dwarf pale-blue bushy annual summer-flower.

Ageratum mexicanum rubrum . . CARTER & CO.

A worthless plant for ornamental purposes, taller than the foregoing, with small heads of dull-coloured lilac-tinted flowers.

Alonsoa Warszewiczii compacta . . . TURNER.

A very pretty border plant, of erect habit, growing about 2 feet or rather more in height, branching, furnished with small ovate toothed leaves, and clear scarlet flowers, resembling those of *A. incisifolia*, the old *Celsia urticæfolia* of gardens, but without the black central spot which occurs in that plant; the leaves are also less deeply cut. This variety proved to be rather dwarfer in habit than the ordinary form, and like it may be treated as a suffrutescent greenhouse perennial.

Amblyolepis setigera . . . . . . THOMPSON.

A dwarf procumbent branching plant, somewhat like *Gaillardia* in habit, but of weedy character, producing poor yellow composite flowers, which however have a fragrance resembling new hay, and are said to retain it when dry.

Anagallis grandiflora Napoleon III. . VAN HOUTTE.
Anagallis grandiflora Eugenie . . . VAN HOUTTE.

These were not well developed, owing to accidental circumstances of position. They were however remarkable for their fine large flowers, which were varied in colour, including dull purplish-red, orange, and blush-white with purple eye, and were regarded as very useful plants for rockwork. These belong to a large-flowered race obtained from *A. Monelli*, and like it are half-hardy perennials.

Antirrhinum majus Brilliant . . . . . BENARY.

A very showy and attractive variety, remarkably true as to colour. The flowers had a white tube, a crimson upper lip, and a yellow palate, the colour of which becoming blended with the crimson of the lower lip produced there a rich bronzy hue.

Antirrhinum majus striatum . . . CARTER & CO.

Under the names of *striatum eximium* and *striatum nanum* was received a very fine strain of Snapdragons, the seedlings of which produced many beautiful striped varieties, as well as nume-

rous richly-coloured selfs. From amongst them several first-rate sorts might have been selected.

Argemone Hunnemanni . . . CARTER & Co.

This proved the same as *A. mexicana*, a tall branching plant, with glaucous pinnatifid soft-prickly thistle-like leaves marked with white veins, and having poppy-like yellow flowers, which are not very showy.

Argemone platyceras . . . . CARTER & Co.

This proved to be *A. grandiflora*, a plant similar in habit to the foregoing, but with large white flowers.

Browallia Czerwiakowski . . { VAN HOUTTE. CARTER & Co.

This plant, introduced through the Belgian gardens, proved to be the same as *B. elata*, a pretty old-fashioned annual for pot-culture, and in this case succeeding tolerably well in the open air. The flowers were blue, numerous, and showy.

Calliopsis bicolor nana . . . . CARTER & Co.

A dwarf-growing variety, forming a compact bush, about 15 inches high. The plants were not fixed in character.

Calliopsis bicolor speciosa.
SYN: *C. bicolor nigra speciosa* . . CARTER & Co.

A good dark form of garden "Coreopsis," the florets being of a dark crimson or maroon-crimson, very rich and effective.

Calliopsis bicolor tubulosa.
SYN: *Coreopsis, new quilled* . . . . TURNER.

The flower-heads were yellow and crimson, the florets rolled up into a tube. It was very inferior to the usual forms, as regarded its ornamental qualities.

Callistephus chinensis.

Of the very beautiful family of China Asters a large collection was grown, but the season proved so unfavourable, that no detailed report could be drawn up. Seeds were furnished by Messrs. CARTER & Co., Messrs. FRASER, Messrs. E. G. HENDERSON & SON, Mr. W. THOMPSON, Mr. TURNER, Mr. VEITCH, and MM. VILMORIN-ANDRIEUX & CIE. The few varieties enumerated below were the only ones that proved really fine :—

§ 1. *Dwarf Chrysanthemum-flowered.*

These, which belong to the series called French Asters, grew

4 to 6 inches high, producing large flat double flower-heads, arranged so that the central head and from 5 to 7 laterals form a flat-topped bouquet. Some of the more perfectly formed plants were very handsome; and this group seems adapted to furnish beautiful pot plants. The varieties of this habit are sometimes called "Dwarf Perfection."

"*Rose*" (Fraser): light rose or pink.
"*Carmine and White*" (Carter): light rose with white centre.
"*Lilac*" (Fraser): light blue purple.
"*Dark Blue*" (Carter): dark purple.

§ 2. *Pompone.*

These grew about 1 foot high, the plants moderately and compactly branched, with close ranunculus-like flower-heads, formed of crowded flat florets, the whole mass constituting each "flower" having an even convex outline:—

"*Indigo*" (Henderson: Vilmorin): very deep purple.
"*Rose foncé*" (Henderson): deep rose.
"*Pompone blanc*" (Henderson: Vilmorin): pure white.
"*Rouge foncé*" (Vilmorin): rose colour.

§ 3. *Large-flowered French.*

These were of the ordinary stature, the plants being moderately branched, and producing flower-heads of large size, consisting of flat expanded florets, arranged so as to form a flat-faced "flower:"—

"*Rose carne*" (Henderson): flesh colour, or very pale rose.
"*Lilas*" (Henderson): bluish lilac.
"*Rose liseré blanc*" (Vilmorin): light rose, white striped centre.
"*Snow White*" (Veitch): pure white.

There were many other beautifully coloured variations and some of distinct habit, but not sufficiently perfect for description.

Chrysanthemum carinatum.

SYN: *C. tricolor* . . . . . . CARTER & Co.

A good old-fashioned showy annual for large flower-borders and the front part of shrubberies. It has bipinnatifid leaves with distant spreading narrow acute segments; the involucral scales are keeled; the ray florets are white, marked with yellow at the base, the disk being dark brown. *C. carinatum flavum*, sent as "C. tricolor yellow," is the same in all respects, except that the ray florets are entirely yellow. This species was grown for comparison with some handsome modern varieties noticed below.

Chrysanthemum carinatum Burridgeanum.

SYN: *C. tricolor Burridgeanum* . . . VILMORIN.
C. tricolor, Burridge's . . . CARTER & CO.

This proved a very handsome variety when in its best or true state; but it was open to the same objection as the next, being wanting in fixity of character. When perfect, the ray florets were white, with a zone of yellow forming a circle around the dark-coloured disk, and next to this on the outer side was a zone of purplish-crimson, forming a second circle exterior to the yellow. It was the most beautiful of the several forms of this showy species, and deserving of every effort to render it permanent by careful selection of the seed-bearing plants.

Chrysanthemum carinatum venustum.

SYN: *C. tricolor venustum* . . . . THOMPSON.
C. tricolor, Beautiful . . . CARTER & CO.

The true plants of this variety were of a very pleasing character, but the greater part were sportive and not sufficiently distinct or decided in colour. The ray florets were yellow at the base, forming a ring around the disk, and in the best forms, rosy-purple in the upper part; or they were whitish, more or less stained with rosy-purple: these latter having an indistinct appearance. If the deeper-coloured forms produced more or less freely in every batch of plants can be perpetuated and fixed, this will form a very showy border flower.

Chrysanthemum coronarium albo-flavum.

SYN: *Chrysanthemum white and yellow* . CARTER & CO.

This resembled the following in habit, but the florets were flatter and less quilled, and in some plants were wholly yellow, in others yellow below and creamy-white at the tips.

Chrysanthemum coronarium albo-plenum.

SYN: *Chrysanthemum white double-quilled* CARTER & CO.

This and the preceding, being free-flowering, strong-growing annuals, were determined to be useful for the ornamentation of large shrubbery borders. They were tall-growing plants, of densely branched habit, and distinguished from the former series (*C. carinatum*) by having smaller and more closely-lobed tripinnatifid leaves, the lobes of which were spathulate; and also by having smaller flower heads, 1½ inch in diameter, of which the involucral scales were not keeled. The ray florets were incurved at the edges so as to be more or less quilled or tubulose, yellow

at the base, paler and creamy-white at the tips, multiplied so as to form a semi-double "flower," the disk deep orange-yellow.

Clarkia pulchella integripetala . . . { TURNER. VILMORIN.

This variety proved to be a fine and showy plant when true, but seems scarcely to have become fixed in character, some of the specimens being intermediate between it and the old type form of the species. It grew 1½ foot high, and in general habit and foliage resembled the common sort; the flowers were also of the same rosy-purple colour, but the petals were flabellate, forming a segment of a circle, without indentations on the outer margin, and clawed at the base. The intermediate plants had the petals slightly indented. If the entire-petaled character can be rendered permanent, this will be a very desirable flower.

Clarkia pulchella marginata . . . . TURNER.

In this variety the petals were deeply three-lobed, as in the parent; rosy-purple at the base, the lobes more or less deeply tipped with white. The plants proved to be individually pretty when in their best condition, but sportive, and ineffective in a mass. On the whole, the variety was considered to be too dull and indistinct for general cultivation, though when well marked interesting as a fancy flower.

Clarkia pulchella pulcherrima . . . { TURNER. THOMPSON.

This was considered as a very much improved form of the species, the flowers being large and of a deep bright crimson-tinted rose colour, quite distinct from the purplish tint of the common sort. The plant was similar, both in habit and foliage, to the older form, but on account of its larger flowers and brighter colour was much more rich and effective, and had a very fine appearance in a mass.

Collinsia bartsiæfolia alba . . . PARKER & Co.

This was determined to be a useful plant as a very dwarf-growing white annual, but the flowers were not quite pure in colour. The plants were not more than 6 to 8 inches high, with minutely glandular pubescent stems, branched from the base; the leaves ovate oblong, sessile, crenately toothed; the flowers numerous, white, slightly tinged with blush.

Collinsia bicolor alba . . . { PARKER & Co. CARTER & Co.

This was decidedly inferior to *C. bicolor candidissima*. The plants

were 15 inches high, with loosely branched stems, smooth below and pubescent above; the leaves ovate-lanceolate, crenately toothed, the flowers large, greenish-white. The plants were taller and looser than those of *candidissima*, and the flowers much less pure in colour.

Collinsia bicolor atrorubens . . . CARTER & Co.

This, which is said to be a deeper-coloured variety of *C. bicolor*, did not prove at all different in colour from well-grown samples of the species, with which it was compared.

Collinsia bicolor candidissima . . { PARKER & Co. / TURNER.

A first-class white annual, of showy character and good habit. The stems were 1 foot high, sparingly pubescent, compactly branched from the base; the leaves ovate-lanceolate or oblong-lanceolate, obscurely toothed; the flowers of large size, pure white. The plants were dwarfer and more compact than in *C. bicolor alba*, and the flowers of a much purer white.

Collinsia multicolor marmorata . . TURNER.
SYN: *C. bicolor marmorata nova* . . CARTER & Co.

A pale variety of *C. multicolor*, which is itself perhaps only a form of *C. bicolor*. The variety was too dull and indistinct in colour to be effective, and very much inferior in this respect to *multicolor*, which is a handsome plant.

Cosmidium Burridgeanum . . . . TURNER.

A very handsome Coreopsis-like plant, growing about 2 feet high, of branched habit, the leaves pinnatisected, with long filiform or subulate leaflets. The flowers were on long stalks, deep orange-yellow, with a broad dark maroon-crimson spot at the base of the florets, which were truncately obovate, much broader than in the well-known *Calliopsis bicolor*. The flower buds were 8-furrowed, not smooth as in *Calliopsis*.

Delphinium consolida tricolor elegans . CARTER & Co.

A tall form of branching Larkspur, producing single and double flowers of richly varied colours, many of them elegantly striped. These latter, which were very handsome, were of various shades of rosy-pink, striped with blue. Others were of a rich purple.

Dianthus atrorubens . . . . CARTER & Co.

A very handsome and brilliant mule Pink, having dark stems,

with broad leaves at the base, and terminating in an open branched head of flowers; the flowers nearly 1½ inch in diameter, produced continuously through the summer, single, vivid glowing crimson of slightly varying shades. It was a bright-coloured and beautiful border flower.

Dianthus chinensis Heddewigii . . CARTER & Co.

A beautiful form of Indian Pink, of dwarf sturdy habit, with very large flowers, richly varied in colour: crimson and rose in various shades, and variously mottled in darker and lighter tints, being predominant. The best formed and most richly-coloured flowers are exceedingly beautiful additions to the flower-garden, and these only should be perpetuated, the many inferior ones being discarded. They are charming plants, both for the garden and for pot-culture for the greenhouse and conservatory.

Dianthus chinensis laciniatus . . . CARTER & Co.

This, though perhaps not permanently distinct from *Heddewigii*, differed more or less obviously in being of taller and more slender habit, with the flowers more deeply jagged at the edge: it was also more varied in colour; in some of the varieties the flowers were very well formed, while in others they were narrow and loose. It was, however, inferior to *Heddewigii*, on account of its loose habit, and narrower-petaled flowers.

Dianthus chinensis imperialis . . { CARTER & Co. / TURNER.

A very handsome ordinary form of Indian Pink; the flowers moderately large, mostly double, and beautifully variegated, the colours being chiefly rose and rosy-purple, with darker markings.

Dianthus hybridus corymbosus . . VAN HOUTTE.

A broad-leaved mule Pink, not very attractive in colour, the flowers being single, and for the most part of a dullish purple or rosy-purple colour.

Dianthus hybridus Laxtoni . . . CARTER & Co.

A mule Pink, of mixed character, and, like the last, not very attractive, compared with others of similar habit.

Erysimum arkansanum . . . . CARTER & Co.
SYN: *E. asperum* . . . . THOMPSON.

A vigorous and showy species, growing 2 feet high and upwards, sparingly branched, the branches erect, with sinuately toothed leaves, and fine bright smooth-petaled yellow fragrant flowers, as

large as those of the common Wallflower. The flowers at first formed a close head, but the inflorescence afterwards became elongated. It was considered as a first-class bright yellow annual.

Fenzlia dianthiflora . . . . CARTER & Co.

A beautiful little dwarf annual, not more than 2 or 3 inches high, forming a small compact tuft, with narrow leaves, and handsome light rose-coloured Gilia-like flowers, paler towards the centre, with a dark spot in the throat, the segments of the limb evenly toothed at the ends.

Gaillardia, new dwarf scarlet . . . VAN HOUTTE.

Not distinguishable from the ordinary form of *G. picta.*

Gypsophila muralis . . . . CARTER & Co.

A dwarf and very slender, much branched, divaricately diffuse plant, forming a mass about 1 foot in diameter, with long linear leaves, and small blush or pale pinkish flowers. It is a neat plant for rock-work, pretty, but ineffective as a mass.

Helianthus annuus californicus . . . THOMPSON.

A large-flowered deep golden-yellow double Sunflower.

Helichrysum bracteatum incurvum.

SYN: *H. bracteatum nanum ferrugineum* TURNER.
H. compactum maximum . . TURNER.
H. compositum maximum . . CARTER & Co.
H. macranthum compositum maximum THOMPSON.
H. macranthum nanum . . TURNER.

This plant (of which the older forms, bearing the scientific name of *Helichrysum bracteatum*, are the yellow and white Everlastings, long known as popular annuals), has, by admixture with *H. macranthum*—another exotic form, undeserving of specific distinction, having rosy-tipped flowers—given rise to a beautiful race, which is distinguished by the large size of the flower-heads, and the more numerous as well as smaller coloured involucral scales which compose them, and which are gracefully incurved so as to cover the disk. This incurving gives them a much richer effect than is seen in the older kinds, where the scales are larger, and spread out so as to expose the disk wholly to view. The species, in its various forms, is to be recommended for its property of blooming late in the year, unaffected by the earlier frosts of autumn. The forms here collected were improved variations of the old *H. bracteatum*, with larger and more varied-

coloured flowers; some of the plants acquiring also a dwarfer habit, but none being apparently of fixed character, either as to habit or colour. The plants grew 3 feet high, branched, with lanceolate leaves, and large flower-heads upwards of 2 inches in diameter; the coloured involucral scales surrounding them were very numerous, ranging in several series, smaller than in the common forms, the innermost ones incurving neatly over the disk, and they were various in colour, including yellow, sulphur, white, pink, crimson, and copper-colour in various shades. The plant seems to have a sportive tendency with respect to colour.

Helichrysum bracteatum nanum . . { THOMPSON. TURNER.

The flowers in this variety resembled those of the ordinary form of the species, but the plants had a tendency to assume a dwarfer habit, being from 15 to 18 inches in height, but not very uniform in this particular.

Hibiscus hispidus.

SYN: *H. calisureus* . . . { VEITCH. CARTER & CO.

H. Humboldtii . . . . . PARKER & CO.

A handsome, large-flowered species, distinguished by its dark-coloured stems. The leaves were three-parted, their divisions lobed. The flowers were large, cream-coloured, with an intense black spot at the base of the petals, and having the scales of the involucel recurved at the point. It is a very showy and desirable plant.

Hibiscus Trionum . . . . . CARTER & CO.

SYN: *H. africanus* . . . { CARTER & CO. VEITCH.

This resembled the last, but had smaller flowers, and the stems were pale-coloured; the leaves were three-parted and lobed; and the scales of the involucel were incurved. It is the Bladder Ketmia, long known in cultivation, and not the true *H. africanus*.

Iberis umbellata atropurpurea.

SYN: *Fine Dark Candytuft* . . { CARTER & CO. TURNER.

This variety, which had the habit of the common Candytuft, growing about 1 foot high, and branching from the base, had flowers of a tolerably uniform rich deep rosy-purple. Some few were, however, of a deeper and richer colour than the rest, and

these selected plants were considered very fine: quite first-class amongst annuals.

Leptosiphon hybridus . . . . . . VILMORIN.

This was a very interesting hybrid, the result, doubtless, of a cross between *L. luteus* and *L. androsaceus*, the peculiarities of these two species being evident amongst the varied progeny. The plants were dwarf and compact in habit, generally about 4 inches high, the flowers of several distinct colours, and for the most part larger than in *L. luteus*. Some were of a clear rosy-lilac colour, and very ornamental in character; others were more rosy, some of a coppery-red, some buff or chamois, and a few identical with *L. luteus* and *luteus aureus*. In its present state, this hybrid is too mixed and uncertain in character, but if some of the brighter-coloured of the forms can be perpetuated, they will become elegant additions to a very ornamental genus.

Lobelia bicolor.

SYN: *L. gracilis* . . . . . . CARTER & Co.
L. Erinus oculata . . . THOMPSON.
L. Erinus oculata alba . . CARTER & Co.
L. Erinus maxima . . . CARTER & Co.
L. Erinus . . . . . VAN HOUTTE.
L. Erinus compacta . . . CARTER & Co.
L. Erinus grandiflora . . . CARTER & Co.
L. Erinus ramosoides . . . CARTER & Co.
L. erinoides . . . . . VAN HOUTTE.
L. campanulata . . . . VEITCH.
L. arguta.

This is the pale blue Lobelia so extensively cultivated under the name of *L. gracilis*: to which species, however, it has very slight resemblance. The plants were of diffuse habit, with angular, prostrate, smoothish or hairy stems; the lower leaves obovate, sinuately-toothed; the upper ones lanceolate, becoming more and more entire upwards; the flowers pale or grayish-blue, with a white blotch at the base of the lower lip, this white blotch varying in size, and more or less spotted with black. This sort was distinguishable from the rest by its diffuse habit and pale-coloured flowers, and is of no importance in decorative gardening.

Lobelia bicolor albida.

SYN: *L. erinoides alba* . . . . VAN HOUTTE.

This variety had the habit of *L. bicolor*, the flowers having a pale blue tube, and a white or grayish-white limb.

Lobelia bicolor lilacina.

SYN: *L. gracilis alba* . . . . VAN HOUTTE.
L. erinoides rosea . . . . VAN HOUTTE.
L. Erinus lilacinus . . . VAN HOUTTE.

This had the habit of *L. bicolor*, and the flowers had a pale lilac tube, and a blush-white limb.

Lobelia bicolor rosea.

SYN: *L. gracilis rosea* . . . { THOMPSON. / VAN HOUTTE. }
L. Erinus Lindleyana . . THOMPSON.
L. Lindleyana . . . . . VAN HOUTTE.

This had the habit of *L. bicolor*, being diffusely branched and prostrate, but the flowers were of a rosy-lilac colour. Some plants, producing deeper-coloured flowers than usual, were handsome objects; and these forms were considered to be useful as rosy-flowered dwarf plants, adapted either for beds or pot-culture.

Lobelia Erinus?

SYN: *L. densa multiflora* . . . . . VEITCH.

The plant received from Mr. VEITCH, under the name of *L. densa multiflora*, resembled very closely in habit the old *Lobelia Erinus*, the genuine form of which has probably long disappeared from gardens, having been modified by seeding and admixture with other sorts. That now described formed a small compact tuft of slender hairy stems; the leaves hairy, oblong, obscurely toothed, the very lowermost small and obovate; the flowers small, deep blue, with acutish segments and a conspicuous white eye. It was of little value as a decorative plant.

Lobelia Erinus compacta.

SYN: *L. gracilis erecta* . . . . THOMPSON.
L. gracilis compacta . . . . CARTER & Co.

This was a dwarf, slender, and very compact, dense-growing form, with crowded stems forming a cushion-like tuft; the lower leaves were obovate, and, as well as the upper ones, obscurely toothed; the flowers pale blue. This form appeared to be useful for small pots, and for edgings to very small beds.

Lobelia Erinus speciosa . . . . CARTER & Co.

SYN: *Lobelia speciosa* . . . . TURNER.
Crystal Palace Lobelia . . *Of* GARDENS.

This was decidedly the best for flower-garden purposes of the dwarf Lobelias here collected, the habit being neat and compact,

and the flowers large and deep blue; but being raised from seed, it presented a slight amount of variation. Like other plants employed for special purposes, however, the best forms of these Lobelias, when required for artistic gardening, should be perpetuated by means of cuttings, so as to secure thorough uniformity of character. The best of those grown on this occasion was that known as the *Crystal Palace Lobelia*, the plants of which, having been raised from seeds, showed some diversity of habit. This form had the deepest blue flowers, with a smaller white spot or eye; the upper part of the stems had a dark brownish tinge, and the plants formed compact open-branched tufts, with the lower leaves oblong-obovate, deeply and irregularly toothed, and the upper ones fewer, lanceolate, toothed. The others, contributed under the name of *speciosa* (seeds), quite agreed with the foregoing in habit, but differed in having the tips of the branches green instead of brownish, and the flowers of a rather lighter shade of deep blue; the stems were hairy, the lower leaves obovate, dentate, the upper ones lanceolate, less toothed, and the flowers marked with a white spot or eye at the base of the lower lip, this spot being sometimes large and rather conspicuous.

Lobelia ramosa . . . . . VEITCH.
SYN: *L. formosa* . . . . . CARTER & Co.

A very handsome species, better adapted for pot-culture for the decoration of the greenhouse and conservatory than for the open air. It was of erect, openly-branched habit, with the lower leaves pinnatisected, and the upper ones linear lanceolate; the flowers were bright deep blue, larger than in any of the foregoing species, and remarkable for the dimidiate or halved appearance of the lateral lobes of the lower lip, as well as for its large size as compared with the minute divisions of the upper lip. It is very nearly related to the true *L. gracilis* of botanists.

Lobelia triquetra . . . . . THOMPSON.

A slender erect thinly-branched plant, with narrow lanceolate toothed leaves, and small pale blue unattractive flowers.

Lupinus Dunnettii superbus . . . . . VEITCH.

A very showy and effective plant, with the habit of *L. hybridus insignis*, but having light-coloured stems, and nearly smooth branches. The flowers in the young state were white, becoming lilac with age, the standard deep purple. The plant was dwarfish in habit, and produced its parti-coloured flower-spikes very freely.

Lupinus Hartwegii albus . . . . VEITCH.

A very good form of Lupin with hairy branches, producing long and abundant racemes of large white flowers. This variety, together with the original blue form of the species, and the *var. cœlestinus*, are handsome border plants.

Lupinus Hartwegii cœlestinus . . . VEITCH.

In this variety, which was a very pretty one, the flowers were of a very pale or grayish-blue.

Lupinus hybridus insignis . . . . VEITCH.

A plant of dwarfish habit, having dark-coloured stems, and smooth branches, producing a fine central spike of bloom. The flowers were deep purplish-lilac.

Lupinus Menziesii.
SYN: *L. sulphureus* . . . . . VILMORIN.

A plant of dwarf tree-like habit, producing, at about a foot from the ground, a whorl of spreading branches; these bore pedunculated spikes of handsome pale-yellow flowers. It proved to be a good border species.

Lupinus mutabilis variicolor . . CARTER & Co.

A sportive form of *L. mutabilis*, various in colour. The plants were of tall branching habit, with smooth branches; the flowers in short racemes, of different shades of blue with a darker standard, or white with a purplish-lilac standard. A suitable and ornamental plant for shrubbery borders.

Lupinus nanus lilacinus . . . VAN HOUTTE.

A variety of this dwarf species, with pale or grayish flowers, dingy in appearance, and far less effective than the ordinary blue form, which is a very elegant dwarf, spreading, diffusely-branched plant, with longish racemes of clear blue flowers, the standard of which is marked throughout the centre with white.

Lupinus subcarnosus.
SYN: *L. subramosus* . . . . . VAN HOUTTE.

A fine dwarf, spreading, compactly-branched species, with light green foliage, producing numerous short racemes of deep-blue flowers marked on the standard with a conspicuous white spot. It was a showy, high-coloured species, but did not produce its flowers so freely as usual during the present season.

Lupinus tricolor elegans . . . . VEITCH.

An ornamental variety, of branched and spreading habit, the stems finely downy, 2½ feet high, bearing abundantly racemes of moderate size; the flowers white, with the standard deep lilac changing to pucy-purple. The flowers were very effective, the colours being finely contrasted.

Lychnis Haageana . . . . { BENARY. CARTER & Co.

The plants of this handsome hybrid *Lychnis* did not succeed very well in the open ground, owing to accidental adverse conditions of soil. They were about a foot high, and unbranched, bearing a few flowers opening in succession on the upper part of the stems. The flowers were various in colour, including vivid scarlet, light orange-scarlet, light and dark crimson, dull reddish-crimson, and white; and their petals had a conspicuous single tooth at the side. In pots of good soil, the plants were taller, and more branched; and those with bright scarlet flowers were very handsome. The stems were sometimes dark-coloured, sometimes pale green, according as the plants produced lighter or darker coloured flowers, and they were clothed with reversed hairs; the leaves were oblong-ovate, acute, downy and ciliated; the calyces clothed with long cobwebby hairs, and the flowers varying from 2 inches to 2½ inches in diameter.

Malcomia maritima alba.
SYN: *Cheiranthus maritimus* . . . VAN HOUTTE.

An early blooming, white-flowered Virginian stock.

Nemophila discoidalis marmorata . . VILMORIN.

A poor-looking annual, with small dark mottled flowers.

Nycterinia selaginoides . . . . . VEITCH.

This plant formed dwarf compact tufts, furnished with small narrow or oblong spathulate leaves, which were toothed towards the blunt apex, and clothed like the stem with soft hairs. The flowers grew in flattish terminal corymbs, elongating with age, and were pretty, star-shaped, white or lilac, with a bright orange centre. The calyx was adnate for half its length with the midrib of the leaf or bract in whose axil the flower was placed; the corolla consisted of a very slender tube, ¾ of an inch long, and a spreading five-lobed limb, the lobes obcordate, and deeply two-parted with divergent divisions. The spaces between the bases of the lobes, and between the notches, when seen against the

dark back-ground of the leaves, appeared to give a third colour to the flowers. It is a pretty dwarf plant for rock-work, and has succeeded well during the present moist cool season. The plants, however, sometimes die off unequally.

Œnothera bistorta Veitchiana . . . VEITCH.

A showy yellow-flowered annual, dwarfish, but irregular in growth, the stems decumbent, rising at the points to a foot or more in height; the leaves lanceolate, attenuate at the point, wavy-margined; the flowers solitary from the leaf axils, abundant, about 1 inch in diameter, four-petaled, forming a compact circular corolla of a bright yellow, with a small crimson spot at the base of each petal. The flowers were apparently stalked, the stalk-like part being in reality the slender ovary an inch or more in length, which becomes a twisted capsule. The flowers were individually bright-coloured and attractive, but the plant had rather a straggling appearance, and in the present season the demerit of dying off early and irregularly.

Œnothera Drummondii nana . . { VILMORIN. TRUEFAUT. CARTER & Co.

The plants raised from seed sent under this name were diffuse-growing showy annuals, forming a mass of branches over a foot in height, the taller ones rising to a foot and a half; the lower leaves were downy, sinuately or somewhat lyrately pinnatifid, the upper ones very slightly toothed. The flowers were large, pale yellow, and showy. It was considered as a good bold-flowered dwarfish plant for the front parts of shrubbery borders.

Œnothera salicifolia.

SYN: *Œ. biennis hirsutissima* . . CARTER & Co.
Œ. versicolor . . . . . OF SOME.

A tall-growing plant with the habit of *Œ. biennis*. The leaves were long lanceolate, wavy, strongly nerved; the flowers small, dull reddish, or copper-coloured, having a faded appearance. It was of weedy unattractive character, the plants being coarse, and the flowers dingy.

Papaver somniferum monstrosum . . VAN HOUTTE.

A curious rather than ornamental plant, of tall growth, like the common Opium Poppy, and with similar large dull purplish black-spotted flowers. The flower-heads were remarkable for producing a number of small ovaries around the base of the principal one, after the manner of the Hen-and-Chickens daisy.

Phacelia tanacetifolia alba . . . . Vilmorin.

This had the habit of the well-known species itself, and bore dull grayish-white flowers. It was of weedy character.

Portulaca.

Several varieties of this genus were grown, but all proved inferior to the old *P. Thellusonii* and *P. splendens*, which were the only ones having rich and decided colours in their flowers.

Pyrethrum Parthenium eximium.

Syn: *Matricaria eximia* . . . . Turner.

A fine late-flowering double quilled white Feverfew, of free compact habit, growing 1½ to 2 feet high, and forming a handsome border plant. The centre of the flower-heads was closely filled with even tubular or quilled florets, and the flower-heads were very numerous, pure white, forming an attractive mass.

Ricinus.

Of these fine-foliaged plants, several kinds were planted out, but the unpropitious season did not enable them to come to perfection.

Schizanthus chilensis . . . . . Veitch.

This species grew 2 feet or more in height, and was more erect in habit than the better known *S. pinnatus*. The flowers were also smaller than in that species, narrow, deep lilac with a smaller white blotch on the central upper segments, where they were dotted with black. It was an inferior sort.

Schizanthus grandiflorus oculatus . . Van Houtte.

A very handsome form of *S. pinnatus*, growing about 1½ foot high, branching, the stems clothed with glandular hairs; the leaves pinnate, with pinnatifid segments. The flowers were bright rosy-lilac, the upper lip divided into five obcuneate bipartite lobes, whitish, heavily tipped with rose, and having a large black central spot; the lower lip rosy. The bold conspicuous eye rendered this a very showy plant of its kind. In some of the plants, the flowers were dotted with black instead of having the bolder blotch which rendered the best form so attractive.

Spraguea umbellata . . . . . Veitch.

A dwarf succulent-looking herb, with a rosulate tuft of spathulate leaves, and numerous scapes supporting the umbellate heads of rosy-coloured flowers, which issued from among crowded whitish or scarious bracts, and were arranged in short recurved scorpioid

spikes three or four together at the ends of the branches of the primary umbel. It was considered a neat and pretty plant, of very distinct aspect, adapted for rock-work.

Tagetes patula aurantiaca . . . CARTER & Co.

The true plants of this Marigold were very gay, somewhat intermediate in character between the French and African races; the flower-heads were clear light-orange colour, and $2\frac{1}{2}$ inches in diameter. Though marked dwarf French orange marigold, it could hardly be classed as a dwarf.

Tagetes patula nanissima . . . CARTER & Co.
SYN: *New miniature French Marigold* . VEITCH.

This was the very dwarf early-flowering French Marigold, a neat variety for the margins of flower-borders, and mostly producing dark orange-brown flowers.

Tropæolum majus, Tom Thumb . . CARTER & Co.

A fine compact-growing bright orange-scarlet-flowered Nasturtium, well adapted for beds and borders. It proved also very handsome as a pot-plant.

Tropæolum majus, Yellow Tom Thumb . CARTER & Co.

The same habit as in Tom Thumb, but the flowers of a clear yellow. This also was very showy as a pot-plant. These two varieties were exceedingly gay, and decidedly the best of the kinds belonging to the common Nasturtium series.

Veronica syriaca . . . . . THOMPSON.

This was an early-flowering plant, out of bloom by the end of June. It formed a neat dwarf early annual, of compact habit, pretty when seen in masses or lines. The plants were 3—4 inches high, and had roundish-ovate toothed leaves, and abundant small starry flowers, about half the flower being blue and half white.

Viscaria cœli rosa nana . . . . CARTER & Co.

A dwarf-habited variety, growing 12—15 inches high, and uniform in habit. It did not prove sufficiently enduring, being soon out of flower. The flowers were rose-coloured with a paler centre, as in the taller form, the petals narrowish and bi-lobed, and the corona $\frac{1}{4}$ of an inch long, deeply two-lobed, with narrow almost subulate lobes—in all these particulars agreeing with the taller common form.

Viscaria cœli rosa alba.

SYN: *Agrostemma cœli rosa alba* . . THOMPSON.
Agrostemma, New White . . . TURNER.

A variety of diffusely-branched habit. The flowers were white with deeply two-lobed petals, having an interval between them. The plants were too diffuse in habit, and the flowers too narrow-petaled to be effective.

Viscaria oculata, *var.* splendida.

SYN: *Agrostemma cœli rosa* . . . VILMORIN.

This was by some error sent from Paris under the name of *cœli rosa*. It proved to be a large-flowered and highly-coloured variety of *oculata*, the flowers being of a very rich rose-colour, remarkable for its brilliancy in some of the selected plants. In this species the petals are broadly obovate-emarginate or even obcordate, often over-lapping, and the corona is very short, ⅛ of an inch long, and obtusely bifid.

Viscaria oculata nana . . . . CARTER & Co.

This was pronounced a first-class annual, being dwarf and compact in habit, and uniform in character. The plants were about 15 inches high (growing up to 18 inches later in the season), erect, and compactly branched. The flowers were of the lively rose-colour with rich deep crimson eye, proper to the species, and had also the same broad obovate petals, forming a full circular flower.

Viscaria oculata Dunnettii . . . PARKER & Co.

SYN: *V. Dunnettii* . . . . { VILMORIN. TRUFFAUT.

A pale blush-coloured variety of *V. oculata*, too indistinct in colour to be an effective plant for decorative purposes, but forming a pretty variety in a border of annual flowers.

Viscaria oculata Burridgii . . . PARKER & Co.

A large-flowered variety, with the flowers of a very pale slate colour or pale bluish-lilac, almost white. Like the last, the colour is not distinctive enough to be effective for masses, but the plants form very desirable and rather attractive annuals for mixed borders.

L.—ARRANGEMENTS FOR THE EXHIBITIONS AND MEETINGS IN 1861.

TO BE HELD

AT THE NEW GARDENS, KENSINGTON GORE, W.

1861.			
Feb. 12th.	Floral Committee, at 12.	New Plants and Flowers	CERTIFICATES.
	Fruit Committee, at 12.	New Fruits . . .	CERTIFICATES.
March 12th.	Floral Committee, at 12.	New Plants and Flowers	CERTIFICATES.
	Fruit Committee, at 12.	New Fruits . .	CERTIFICATES.
,, 26th.	Floral Committee, at 12.	New Plants and Flowers	CERTIFICATES.
April 9th.	Floral Committee, at 12.	New Plants and Flowers	CERTIFICATES.
	Fruit Committee, at 12.	New Fruits . . .	CERTIFICATES.
,, 23rd.	Floral Committee, at 12.	New Plants and Flowers	CERTIFICATES.
May 14th.	Floral Committee, at 12.	New Plants and Flowers	CERTIFICATES.
	Fruit Committee, at 12.	New Fruits . .	CERTIFICATES.
,, 28th.	Floral Committee, at 12.	New Plants and Flowers	CERTIFICATES.

June 5-6th. Grand Exhibition of Flowers and Fruits.
(See page 329.)

,, 11th.	Floral Committee, at 12.	New Plants and Flowers	CERTIFICATES.
	Fruit Committee, at 12.	New Fruits . . .	CERTIFICATES.
,, 25th.	Floral Committee, at 12.	New Plants and Flowers	CERTIFICATES.
July 9th.	Floral Committee, at 12.	New Plants and Flowers	CERTIFICATES.
	Fruit Committee, at 12.	New Fruits . .	CERTIFICATES.

,, 10th. Grand Rose Show. (See page 333.)

,, 23rd.	Floral Committee, at 12.	New Plants and Flowers	CERTIFICATES.
Aug. 13th.	Floral Committee, at 12.	New Plants and Flowers	CERTIFICATES.
	Fruit Committee, at 12.	New Fruits . . .	CERTIFICATES.
,, 27th.	Floral Committee, at 12.	New Plants and Flowers	CERTIFICATES.
Sept. 10th.	Floral Committee, at 12.	New Plants and Flowers	CERTIFICATES.
	Fruit Committee, at 12.	New Fruits . .	CERTIFICATES.

NOTE.—All novelties shown at this Meeting will be retained for the Show on the following day.

,, 11th. Grand Dahlia Show, including other cut Flowers.
(See page 334.)

,, 24th.	Floral Committee, at 12.	New Plants and Flowers	CERTIFICATES.
Oct. 8th.	Floral Committee, at 12.	New Plants and Flowers	CERTIFICATES.
	Fruit Committee, at 12.	New Fruits . . .	CERTIFICATES.

Nov. 6-7th. Grand Fruit and Chrysanthemum Show.
(See page 336.)

,, 12th.	Floral Committee, at 12.	New Plants and Flowers	CERTIFICATES.
	Fruit Committee, at 12.	New Fruits . .	CERTIFICATES.
Dec. 10th.	Floral Committee, at 12.	New Plants and Flowers	CERTIFICATES.
	Fruit Committee, at 12.	New Fruits . .	CERTIFICATES.

REGULATIONS FOR THE MEETINGS.

I. The Society will hold Monthly Meetings for adjudicating upon Flowers and Fruits. The meetings to be open to Fellows and Visitors, at the hours specified in Regulation III.

II. The Floral and Fruit Committees will examine and adjudicate upon all New Fruits, New Plants, and Seedling Flowers submitted at their respective meetings.

III. The Fellows of the Society and Visitors will be admitted to view the subjects exhibited at 2 P.M., in February, March, November, and December, and at 3 P.M. at the meetings during the remainder of the year.

IV. The Exhibitors will be admitted at the same hour as the Fellows; and the plants, &c., may be removed at 4 o'clock.

Regulations of the Floral Committee.

1. The Floral Committee has before it the following objects: To examine, and to report upon the merits of such New Plants and Flowers of all kinds as may be submitted to its judgment, whether (1) imported species, (2) garden varieties intended for decorative purposes, or (3) florists' varieties; including, also, all new plants flowered in the Society's Garden establishments.

2. These objects the Committee will carry out by holding meetings for the examination of flowers and plants, and by publishing its transactions in the "Proceedings" of the Society.

3. The Committee will meet at the Society's offices at Kensington on the second and fourth Tuesdays in the months of March, April, May, June, July, August, and September, and on the second Tuesday in the months of February, October, November, and December, unless otherwise appointed. The chair to be taken at 12 noon.

4. All persons, whether Fellows of the Society or not, are invited to send New Plants and Flowers for examination. A report of the several Meetings, as printed in the Society's Proceedings," to be sent to the respective Exhibitors.

5. All subjects for the consideration of the Committee are to be delivered free at the place of meeting, at Kensington, not later than 11 o'clock A.M., on the respective meeting days; and all necessary particulars respecting them are to be forthwith communicated, *in writing*, to the Secretary.

Note.—The name and post address of the Exhibitor; the name of the flower if a seedling; and that of the native country if an importation, will be considered essential particulars. Exhibitors are invited to communicate

in writing such further details of the origin or introduction or peculiarities of their plants or flowers, as they may think interesting for publication.

6. The merits of the subjects exhibited shall not be discussed or decided on in the presence of the Owners, or interested Exhibitors thereof.

7. Sufficient examples of every subject exhibited, to enable the Committee to form a fair opinion of its qualities, are to be produced. In all practicable cases, the growing plant will be required. Each kind will have to be separately entered. All Seedling flowers *must* be named, as a means of future recognition. If not named, they will be passed over.

NOTE.—Exhibitors of seedling florists' flowers, and others, will facilitate the working of the Committee by the production of specimens and collections of known varieties to serve as references, and for comparison with new flowers.

8. Newly imported or other new species of plants, not florists' varieties, will have to be submitted to the botanical advisers of the Committee, that they may be correctly named.

NOTE.—Exhibitors of this class of plants will greatly facilitate the operations of the Committee by forwarding, whenever practicable, previous to the days of meeting, materials for this purpose; such materials to be sent to the Society's offices, addressed to "The Botanical Advisers of the Floral Committee."

9. Honorary FIRST-CLASS CERTIFICATES and COMMENDATIONS will be awarded, at the discretion of the majority of the Members present, to such of the novelties exhibited as may be thought deserving thereof. Other meritorious subjects will be rewarded by SPECIAL CERTIFICATES.

10. No award will be made to yearling seedlings of Cinerarias or Pelargoniums, nor any opinion passed upon their merits; but they may be exhibited for inspection.

11. All packages of plants or flowers must be delivered *carriage free*, and must be forwarded at the risk of the sender. The subjects, whether plants or cut flowers, will be delivered up at the close of the Meeting to the owners thereof, or to such persons as may be duly authorised to receive them. If left, it will be at the risk of the senders.

12. The Committee will hold the power of examining with all necessary minuteness the subjects submitted for its opinion.

REGULATIONS OF THE FRUIT COMMITTEE.

1. The objects of the Fruit and Vegetable Committee will be:—(1) To encourage the production of new and improved varieties of fruits and vegetables, by examining and reporting on

such as may be submitted to it for the purpose; (2) To collect and disseminate reliable information, respecting the adaptability of particular kinds of fruits, to the varied conditions of soil, locality, &c., throughout the United Kingdom; and (3) To report on all fruits and vegetables grown in the Garden for the purposes of comparison or experiment.

2. The Committee will meet on the second Tuesday in every month in the offices of the Society, at Kensington, at such hour as may from time to time be appointed.

3. All subjects submitted for judgment must be delivered at the appointed place of meeting, not later than 11 o'clock, A.M., on the days of meeting, and addressed to the Secretary of the Committee.

4. All fruits sent must be ripe, and in such condition that their qualities may be fairly reported upon. A sufficient sample must also be sent for tasting, and to admit of a correct description being drawn up.

5. When any new fruit brought before the Committee for an opinion proves to be meritorious, the Exhibitor will be requested to fill up for its information a special Form indicating its origin &c., which form is provided for the purpose.

6. Honorary FIRST-CLASS CERTIFICATES may be granted to very superior seedling productions, or to recently introduced, or very rare fruits or vegetables; such certificates briefly stating the grounds on which they are awarded. CERTIFICATES OF COMMENDATION may also be granted for examples of superior cultivation, or for any other meritorious productions not provided for by the certificate of the first order of merit.

7. All fruits or vegetables sent to the Garden for trial will be submitted for the opinion of the Committee; and no official opinion on the qualities of such fruits or vegetables shall be given by any paid officer of the Society.

8. For the purpose of collecting information as to what kinds of fruits are best adapted for cultivation under the different conditions of soil, climate, exposure, &c., which occur in different parts of the country, the Committee will, from time to time, invite fruit growers, generally, to submit to it, on such of its meeting days as may be selected for the purpose, certain specified kinds of fruits, accompanied by particular information respecting them, for which a special Form will be provided, obtainable on application at the offices at Kensington.

THE FIRST GRAND EXHIBITION OF FLOWERS AND FRUITS.

WEDNESDAY AND THURSDAY, JUNE 5TH AND 6TH, 1861.

SPECIAL REGULATIONS.

I. The prizes offered in the accompanying Schedule are open to all competitors complying with these Rules.

II. Exhibitors must give at least **five clear days' notice** *in writing* of the class or classes in which they intend to compete, and of the average diameter of the plants to be exhibited.

This is to be done by filling up and forwarding to the Superintendent at Kensington, the printed form provided for the purpose. A compliance with this rule is indispensable, in order to prevent confusion on the morning of the Exhibition.

III. Cards corresponding with the entries will be furnished on the morning of the exhibition at the entrance to the Garden.

Exhibitors will be responsible for the proper placing of these cards before their several collections, and they are requested to satisfy themselves that the cards correctly describe the objects exhibited.

The Society cannot correct, or be responsible for any mistakes arising from the non-observance of this or any other Rule.

IV. No specimens will be received after half-past eight o'clock on the morning of the Exhibition. *There will be no deviation from this Rule.*

The Garden Superintendent has authority to refuse all Exhibitions which he considers unworthy of being shown.

V. Officers of the Society will direct the placing of all specimens.

It is necessary that all flowers or plants be carefully labelled with their scientific names, and where practicable, the name of the country from whence introduced. Florists' flowers and fruits must bear their customary names.

VI. Only *bonâ fide* Exhibitors, and such assistants as may be absolutely required for the arrangement of their specimens, will be admitted before the doors are closed at half-past eight A.M., after which hour no person will be allowed to enter, **and all persons must retire before 10** A.M., except such as may be officially retained by the Society.

VII. A clear passage way to the stands and tables must be preserved during the hours of arrangement, and *all persons obstructing it will be subject to immediate removal from the Garden.*

The Judges will proceed to make their awards at 10½ A.M., before which hour all arrangements of specimens **must be completed.**

VIII. One Prize only can be awarded to any Exhibitor in the same Class, except in such cases as are specified in the annexed Schedule.

The Judges will have the right of reserving the Prize where specimens may be considered unworthy of it, in order that an inferior collection, or one which may happen to be unopposed, may not necessarily be entitled to claim the reward.

The Judges will be at liberty to add to the number of Prizes specified, in cases of very decided merit, as long as they do not exceed the total amount placed at their disposal for each class.

IX. All specimens must be the *bonâ fide* property of the Exhibitor, or his master, or they will not be eligible to compete for the Prizes. The decision of the Judges is final. Any Prize fraudulently obtained will be forfeited, and will be awarded to the Prize-holder immediately succeeding in that class; and the Exhibitor proved before a Committee of Exhibitors named by the Council to have so acted, *will be excluded from future shows.*

At least one month's previous possession will be considered requisite to constitute ownership, except in approved cases of plants newly imported.

X. Breakfast and Exhibitors' pass-tickets will be issued as ollows :—

For Classes containing 20 Plants and upwards: for first Collection, 4 Passes, 4 Breakfast Tickets, and 2 for each additional collection of 20 Plants.

For Classes containing 10 Plants and upwards: for first Collection, 3 Passes, 3 Breakfast Tickets, and one for each additional collection of 10 Plants.

For Classes containing 6 Plants and upwards: for first Collection, 2 Passes, 2 Breakfast Tickets, and one for each additional collection of 6 Plants.

Fruit (Collections) in Class A, 2 Passes and 2 Breakfast Tickets.

Fruit (Dishes), 1 Pass and 1 Breakfast Ticket.

N.B. No Ticket will be given for a single dish of Fruit or a single Specimen Plant; nor more than 4 Passes and 4 Breakfast Tickets to one Exhibitor of Fruit alone.

No Exhibitor can take more than 8 Passes, and 8 Breakfast Tickets.

XI. The Garden will be closed each day at Seven o'clock P.M., and on the last day of the Exhibition, the specimens will be given up to their respective owners at that hour.

LIST OF PRIZES.

FLOWERS.

Class.		1st Prize. £	s.	2nd Prize. £	s.	3rd Prize. £	s.	4th Prize. £	s.
1.	15 Stove and Greenhouse Plants . (*Open*)	20	0	15	0	10	0	7	0
2.	12 Stove and Greenhouse Plants (*Nurserymen*)	12	0	9	0	6	0	3	0
3.	9 Stove and Greenhouse Plants . (*Amateurs*)	10	0	8	0	6	0	4	0
	NOTE.—Two plants of a Genus will be admitted in Classes 1, 2, and 3.								
4.	6 Stove and Greenhouse Plants (*Amateurs*)	6	0	5	0	4	0	3	0
	NOTE.—Exhibitors can only show in one of the Classes 1, 2, 3, and 4. Orchids and ordinary Florists' flowers are excluded.								
5.	12 Fine Foliaged and Variegated Plants (*Nurserymen*)	10	0	7	0	5	0		
6.	10 Fine Foliaged and Variegated Plants (*Amateurs*)	10	0	7	0	5	0	3	0
7.	6 Dracænas and Cordylines . . (*Open*)	3	0	2	0	1	0		
8.	20 Orchids . . . . (*Amateurs*)	20	0	15	0	10	0	5	0
9.	16 Orchids . . . . (*Nurserymen*)	15	0	10	0	7	0		
10.	10 Orchids . . . . (*Amateurs*)	10	0	7	0	5	0	3	0
11.	Orchids. Single specimens . . (*Open*)	3	0	2	0	1	0		
12.	9 Greenhouse Azaleas . . (*Amateurs*)	12	0	10	0	7	0	5	0
13.	9 Greenhouse Azaleas . . (*Nurserymen*)	9	0	7	0	5	0	3	0
14.	6 Greenhouse Azaleas . . (*Amateurs*)	6	0	5	0	3	0	2	0
15.	9 Greenhouse Azaleas. New kinds sent out since 1856 . . . . . . (*Open*)	6	0	4	0	3	0	2	0
16.	6 Rhododendrons. Distinct . (*Open*)	5	0	4	0	3	0	2	0
17.	Rhododendrons. Single specimens of Sikkim or Bhotan . . . . . (*Open*)	4	0	3	0	2	0		
18.	15 Roses in pots. Distinct. . (*Open*)	15	0	10	0	7	0	5	0
19.	10 Roses in pots. Distinct . (*Amateurs*)	10	0	7	0	5	0	3	0
20.	12 New Roses in pots. 2 of kind admitted (*Open*)	5	0	4	0	3	0		
21.	6 Tall Cacti . . . . . (*Open*)	5	0	4	0	3	0		
22.	6 Cape Heaths . . . . (*Open*)	5	0	4	0	3	0		
23.	9 Pelargoniums. Distinct . (*Amateurs*)	8	0	6	0	4	0	2	0
24.	12 Pelargoniums. Distinct (*Nurserymen*)	8	0	6	0	4	0	2	0
25.	6 Fancy Pelargoniums. Distinct (*Amateurs*)	5	0	4	0	3	0		
26.	9 Fancy Pelargoniums. Distinct (*Nurserymen*)	5	0	4	0	3	0		
27.	9 Spotted Pelargoniums. Distinct (*Open*)	5	0	4	0	3	0		
	NOTE.—Plants in Classes 23, 24, 25, 26, and 27 to be grown in pots 8 inches in diameter.								
28.	9 Variegated Begonias. Distinct (*Open*)	5	0	4	0	3	0		
29.	6 Tree Ferns. Duplicates admitted (*Open*)	5	0	4	0	3	0		
30.	12 Exotic Ferns . . . (*Amateurs*)	6	0	5	0	4	0	2	0
31.	12 Exotic Ferns . . . (*Nurserymen*)	5	0	4	0	2	0		
32.	6 Anæctochilus and other variegated-leaved Orchids . . . . . (*Open*)	3	0	2	0	1	0		
33.	3 Tuberous Tropæolums, trained on columnar or cylindrical trellises. Distinct (*Open*)	2	0	1	10	1	0		
34.	New or extremely rare Plants in flower . .	S. K.		S. B.		B.			

Class.	1st Prize. £ s.		2nd Prize. £ s.		3rd Prize. £ s.		4th Prize £ s.	
35. Hardy ornamental Plants. New species .	S. K.		S. B.		B.			
☞ All new Plants will be adjudicated upon by the officers of the Society. N.B. The Medals awarded will not be exchanged for money.								
36. Wardian Cases filled with Plants. The most effectively arranged	5	0	3	0	2	0		
37. Miscellaneous. For Plants not specially mentioned	2	10	2	0	1	10	1	0
Exhibitors are informed that Prizes will not be awarded in this Class for any Plants named in the foregoing Classes. In Classes 34, 35, 36, and 37, Exhibitors may compete for all the prizes.								

FRUITS.

Note.—A dish of Grapes to consist of 3 bunches; Peaches of 6 fruits; Nectarines of 8; Cherries and Strawberries of 50; and Figs of 10 fruits.

All Fruits exhibited must be ripe and fit for table.

Class.	1st Prize. £ s.		2nd Prize. £ s.		3rd Prize. £ s.		4th Prize. £ s.	
A. Collection of 9 dishes. 6 distinct kinds .	6	0	5	0	4	0	3	0
B. Pine Apple. The best Queen . . .	3	0	2	0	1	0		
C. Pine Apple. The best Cayenne . . .	3	0	2	0	1	0		
D. Pine Apple. Any other variety . . .	3	0	2	0	1	0		
E. Grapes, Black. Single dish . . .	3	0	2	0	1	0		
F. Grapes, White Muscat. Single dish . .	3	0	2	0	1	0		
G. Grapes, White. Any other variety. Single dish	3	0	2	0	1	0		
H. Peaches. Single dish	3	0	2	0	1	0		
I. Nectarines. Single dish	3	0	2	0	1	0		
J. Figs. Single dish	2	0	1	0	0	10		
K. Cherries. Single dish	2	0	1	0	0	10		
L. Strawberries. 3 dishes, distinct . . .	3	0	2	0	1	0		
M. Strawberries. Single dish	1	10	1	0	0	10		
N. Strawberries in pots. 6 plants . . .	2	0	1	0	0	10		
O. Melons. Green-fleshed	2	0	1	0				
P. Melons. Scarlet-fleshed	2	0	1	0				
Q. Vines in pots. 4 plants	4	0	3	0	2	0		
R. Miscellaneous	2	10	2	0	1	10	1	0
☞ Prizes will be given for Fruits of superior excellence, although not specified in the Schedule.								

Special Prizes for the best groups of three baskets of Fruits and Flowers, for the decoration of the dinner table, are offered by C. Wentworth Dilke, Esq., V.P.H.S. First Prize, 10*l.*; Second, 5*l.*; Third, 3*l.*; Fourth, 2*l.*

Note.—Beautiful arrangement will be the test of merit in this Exhibition; valuable flowers or fruits are therefore not demanded. Each set must consist of three baskets. Ladies are invited to join in the competition. The Prizes will be awarded by a jury of ladies. The baskets will be received as late as 11 o'clock a.m., *provided space shall have been secured for them the day before.*

GRAND ROSE SHOW.

WEDNESDAY, JULY 10TH, 1861.

SPECIAL REGULATIONS.

I. Exhibitors must give at least **five clear days'** notice *in writing* to the Superintendent, of the class or classes in which they intend to exhibit, **and state the length of table-room** required.

II. No specimens can be received after half-past 8 o'clock on the morning of Exhibition, and all arrangements must be completed before 10 A.M., in order that the Judges may proceed to make their awards.

III. Cut blooms must be shown in stands, of the dimensions specified at the head of this Schedule. The stands must be painted green, and surfaced with green moss.

IV. The flowers must be named on slips of card paper, 3 inches by 1 inch, to be placed in front of the blooms.

V. A truss is to consist of one shoot cut from the wood of the current year's growth—any disbudding from, or addition to the original truss will disqualify. In cases where Roses bloom singly, that is, without surrounding buds, a single Rose may be shown and will be accounted as a truss.

VI. The flowers exhibited are to be grown by the Exhibitor. No exhibitor can take more than one prize in each class.

VII. Exhibitors' pass-tickets will be furnished as follows:—

For stands of 48 cut blooms and upwards, 3 passes.
For stands of 24 cut blooms and upwards, 2 passes.
For stands of 12 cut blooms and upwards, 1 pass.

VIII. The Exhibition will close at seven o'clock, after which all specimens may be removed.

LIST OF PRIZES.

NOTE.—Exhibitors of cut flowers to provide their own stands. Entries in each class to be exhibited in separate stands.

The stands are to be 1 foot 6 inches broad, 6 inches high at the back, and 4 inches high in front. Any deviation from these dimensions will disqualify.

☞ For the definition of a "truss" see Regulation 5.

	1st Prize.		2nd Prize.		3rd Prize.		4th Prize.	
CLASS.	£	s.	£	s.	£	s.	£	s.
1. 96 Varieties. 3 trusses of each (*Nurserymen*)	7	0	5	0	3	0	2	0
2. 48 Varieties. 3 trusses of each (*Nurserymen*)	4	0	3	0	2	0	1	0
3. 24 Varieties. 3 trusses of each (*Nurserymen*)	2	10	2	0	1	10	1	0

Class.	1st Prize. £	s.	2nd Prize. £	s.	3rd Prize. £	s.	4th Prize. £	s.
4. 24 Varieties. Single blooms (*Nurserymen*)	2	0	1	0	0	10		
5. 48 Varieties. 1 truss of each (*Amateurs*)	6	0	4	0	3	0	2	0
6. 24 Varieties. 1 truss of each (*Amateurs*)	4	0	2	0	1	0	0	10
7. 12 Varieties. 1 truss of each (*Amateurs*)	2	0	1	10	1	0		
NOTE.—Exhibitors in Classes 5 and 6 cannot also show in Class 7.								
8. 12 Varieties. Single blooms (*Amateurs*)	1	10	1	0	0	10		
9. 12 Roses, 12 varieties, in pots not exceeding 13 inches in diameter . . (*Open*)	6	0	4	0	3	0		
10. 50 Roses, not less than 12 varieties, in pots not exceeding 8 inches in diameter (*Open*)	6	0	4	0	3	0		
11. 20 New Roses, not less than 10 kinds, in pots not exceeding 8 inches in diameter (*Open*)	6	0	4	0	3	0		
NOTE.—No variety which has been publicly sold for more than three years to be accounted new.								
12. 12 New Roses of 1860 and 1861, single trusses, distinct . . . (*Open*)	2	0	1	10	1	0	0	15
13. Moss Roses (single trusses), best collection of (*Open*)	3	0	2	0	1	0		
14. 18 Tea-scented Roses (single trusses) (*Open*)	3	0	2	0	1	0		
15. Best decorated basket or vase of Roses (*Open*)	3	0	2	0	1	0		

GRAND SHOW OF DAHLIAS AND OTHER CUT FLOWERS.

WEDNESDAY, SEPTEMBER 11TH, 1861.

SPECIAL REGULATIONS.

I. All cut flowers must be exhibited in stands, of the dimensions specified in this Schedule.

II. Exhibitors must give at least **five clear days'** notice *in writing*, to the Superintendent, of the class or classes in which they intend to exhibit.

III. No specimens can be received after half-past 8 o'clock on the morning of Exhibition, and all arrangements must be completed before 10 A.M.

IV. All cut blooms must be correctly named on slips of card-paper 3 inches long and 1 inch wide, placed in front of the blooms.

V. All blooms exhibited must have been grown by the Exhibitor. Stands containing mutilated blooms will be disqualified.

VI. Exhibitors' pass-tickets will be furnished as follows:—

For stands of 48 cut blooms and upwards, 3 passes.
For stands of 24 cut blooms and upwards, 2 passes.
For stands of 12 cut blooms and upwards, 1 pass.

VII. The Exhibition will close at 6 P.M., after which hour all specimens may be removed.

LIST OF PRIZES.

NOTE.—Exhibitors of cut flowers to provide their own stands. Entries in each class to be exhibited in separate stands of the following dimensions :—

	Length.	Breadth.
48 Dahlias, 2 stands . . .	4 ft. each.	1 ft. 6 in.
24 Dahlias, 1 stand . . .	4 ,, each.	1 ,, 6 ,,
12 Dahlias, 1 stand . .	2 ,, each.	1 ,, 6 ,,
48 Roses, 2 stands . . .	4 ,, each.	1 ,, 6 ,,
24 Roses, 1 stand . .	4 ,, each.	1 ,, 6 ,,
24 Hollyhocks, 1 stand . .	4 ,, each.	1 ,, 6 ,,
24 Asters, 1 stand . . .	2 ,, each.	1 ,, 6 ,,

Height of stands 6 in. behind, and 4 in front.

CLASS.	1st Prize. £	s.	2nd Prize. £	s.	3rd Prize. £	s.	4th Prize. £	s.
1. 48 Dahlia Blooms. Distinct. (*Nurserymen*)	8	0	6	0	4	0		
2. 24 Dahlia Blooms. Distinct. (*Nurserymen*)	5	0	3	0	2	0	1	0
3. 18 Dahlia Blooms. Fancies. Distinct. (*Nurserymen*)	4	0	3	0	2	0	1	0
4. 24 Dahlia Blooms. Distinct . (*Amateurs*)	6	0	4	0	3	0	2	0
5. 12 Dahlia Blooms. Distinct . (*Amateurs*)	4	0	3	0	2	0	1	0
6. 6 Dahlia Blooms. Distinct . (*Amateurs*)	2	0	1	10	1	0	0	10
7. 12 Dahlia Blooms. Fancies. Distinct. (*Amateurs*)	3	0	2	0	1	0	0	15
8. 48 Cut Roses. 3 trusses, distinct (*Nurserymen*)	4	0	3	0	2	0		
9. 24 Cut Roses. 3 trusses, distinct (*Amateurs*)	4	0	3	0	2	0	1	0
10. 24 Cut Roses. Distinct. Single blooms (*Open*)	2	0	1	0	0	10		
11. 12 Roses, in pots, not more than two of one kind . . . . . . (*Open*)	5	0	4	0	3	0		
12. 12 Hollyhocks, in spikes. Distinct (*Open*)	3	0	2	0	1	0		
13. 12 Hollyhocks, single flowers. Distinct (*Open*)	2	0	1	0	0	15		
14. 24 German Asters. "Quilled." Distinct (*Open*)	2	0	1	0	0	15	0	10
15. 24 French Asters. "Tasselled." Distinct (*Open*)	2	0	1	0	0	15	0	10
16. 24 Gladiolus, cut spikes. Distinct (*Open*)	2	10	1	10	1	0		
17. 12 Gladiolus, cut spikes. Distinct (*Amateurs*)	1	10	1	0	0	10		
18. 12 Pots of Gladiolus. Distinct. Not more than 3 in each pot . . . . . (*Open*)	3	0	2	0	1	0		
19. 24 Phloxes, single trusses. Distinct (*Open*)	2	0	1	0	0	15		
20. 12 Phloxes, in pots. Distinct (*Open*)	3	0	2	0	1	0		
21. 24 Verbenas, 5 trusses of each. Distinct (*Open*)	1	10	1	0	0	10		
22. Miscellaneous. For Flowers not specified (*Open*)	1	10	1	0	0	15		

GRAND FRUIT AND CHRYSANTHEMUM SHOW.

WEDNESDAY AND THURSDAY, NOVEMBER 6TH AND 7TH, 1861.

SPECIAL REGULATIONS.

I. The Society offers the Prizes specified in this Schedule to all competitors complying with these Rules.

II. Exhibitors must give at least five clear days' notice, *in writing*, to the Superintendent, of the subjects they intend to exhibit, and the area in square feet of table-room required. No application will be attended to after Friday the 1st of November.

III. No subjects will be admitted after 9 A.M., on the morning of November 6th, and all arrangements must be completed before 10 A.M., in order that the Judges may proceed to make the awards.

IV. Cards corresponding with the entries will be furnished to Exhibitors on the morning of Exhibition at the entrance to the Gardens; and the Exhibitors will be responsible for the proper placing of these cards.

V. All Fruits and Flowers must have been grown by the Exhibitor, or they will not be eligible to compete for the Prizes, except in Class A. Both Fruits and Flowers must be correctly named. No Exhibitor can take more than one Prize in the same class.

VI. Tickets of admission will be furnished to the Exhibitors as follows:—

FRUITS.—For 12 Dishes and upwards, 2 passes.
For 3 Dishes and upwards, 1 pass.

CHRYSANTHEMUMS.—For 6 Plants, and for 24 Cut Blooms, 2 passes.
For 3 Plants, and for 12 Cut Blooms, 1 pass.

VII. The Exhibition will close on Thursday, the 7th of November, at 4 P.M., after which all specimens will be given up to their owners.

LIST OF PRIZES.

FRUITS.

NOTE.—A dish of Grapes to consist of 3 bunches; of Apples, Pears, Oranges, Lemons, and such like, 6 fruits of each; and of Plums, 9 fruits.

CLASS.	1st Prize. £	s.	2nd Prize. £	s.	3rd Prize. £	s.
A. Collection of Fruits . . . (*Fruiterers only*)	4	0	3	0		
B. Collection of Fruits . . (*Private growers*)	6	0	4	0	3	0
C. Pine Apples, collection of 3 distinct kinds .	4	0	3	0	2	0

Class.		1st Prize. £	s.	2nd Prize. £	s.	3rd Prize. £	s.
D.	Pine Apple. Single fruit, any variety	2	10	2	0	1	0
E.	Grapes, White Muscat. Basket of, not less than 10 lbs. weight	4	0	3	0	2	0
F.	Grapes, White Muscat. Single dish	2	10	2	0	1	0
G.	Grapes, White. Any other variety, single dish	2	10	2	0	1	0
H.	Grapes, Black Hambro'. Basket of, not less than 10 lbs. weight	4	0	3	0	2	0
I.	Grapes, Black Hambro'. Single dish	2	10	2	0	1	0
J.	Grapes, Frankenthal or Dutch Hambro'. Single dish	2	10	2	0	1	0
K.	Grapes, Black. Any other variety, single dish	2	10	2	0	1	0
L.	Pears, dessert, collection of, 1 dish of each	4	0	3	0	2	0
M.	Pears, dessert, collection of 6 dishes, distinct kinds	3	0	2	0	1	0
N.	Pears, dessert, collection of 3 dishes, distinct kinds	1	10	1	0	0	10
O.	Pears, dessert. Single dish, any variety	1	0	0	15	0	10
P.	Pears, kitchen. Uvedale's St. Germain. Single dish	1	0	0	15	0	10
Q.	Pears, kitchen. Catillac. Single dish	1	0	0	15	0	10
R.	Pears, kitchen. Single dish, any variety	1	0	0	15	0	10
S.	Pears. Heaviest 5 fruits, dessert	1	0	0	15	0	10
T.	Pears, Stewed, jar of	2	0	1	10	1	0
	Note.—These are to be prepared without sugar, spice, or any colouring matter, and to be shown in white glass jars. Ladies are particularly invited to cause jars of fruit to be sent for examination.						
U.	Apples, dessert, collection of, 1 dish of each	4	0	3	0	2	0
V.	Apples, dessert, collection of 6 dishes, distinct kinds	3	0	2	0	1	0
W.	Apples, dessert, collection of 3 dishes, distinct kinds	1	10	1	0	0	10
X.	Apples, dessert. Single dish, any variety	1	0	0	15	0	10
Y.	Apples, kitchen, collection of, 1 dish of each	4	0	3	0	2	0
Z.	Apples, kitchen, collection of 6 dishes, distinct kinds	3	0	2	0	1	0
AA.	Apples, kitchen, collection of 3 dishes, distinct kinds	1	10	1	0	0	10
BB.	Apples, kitchen. Single dish	1	0	0	15	0	10
CC.	Apples, kitchen. Heaviest 5 fruits	1	0	0	15	0	10
DD.	Pommes Tapées; that is to say, Apples dried in the same way as Normandy Pippins; of which an account is giving in the *Gardeners' Chronicle* for 1860, p. 932	3	0	2	0	1	0
	Note.—It must be observed that this process is quite different from that employed in preparing Norfolk Beefings.						
EE.	Oranges, Lemons, &c., collection of 1 dish of each	3	0	2	0	1	0
FF.	Oranges, bearing fruit. 4 plants, in pots or boxes.	3	0	2	0	1	0
GG.	Oranges, best specimen of Tangerine, in pot	1	10	1	0	0	10
HH.	Melons. Single fruit, any variety	1	0	0	15	0	10
II.	Plums. Single dish, any variety	2	0	1	10	1	0
JJ.	Strawberries. Single dish	1	0	0	10	0	5
KK.	Currants. Single dish	0	10	0	7	0	5
LL.	Raspberries. Single dish	0	10	0	7	0	5

Note.—Fruits specified in the above Classes will be excluded from MM.

MM. Miscellaneous . . . . . . 60*s*. 50*s*. 40*s*. 30*s*. 20*s*. 10*s*.

CHRYSANTHEMUMS.

NOTE.—Exhibitors of cut flowers to provide their own stands, of the following dimensions :—

For 24 Blooms, 1 stand, 4 feet long, 1 foot 6 inches broad.
For 12 ,, ,, 2 ,, ,, ,,
For 6 ,, ,, 1 ,, ,, ,,
Height of stand, 6 inches behind, 4 inches in front.

☞ Preference will be given to plants trained in the bush-like or pyramidal form.

	1st Prize.		2nd Prize.		3rd Prize.		4th Prize.	
CLASS.	£	s.	£	s.	£	s.	£	s.
1. 6 Plants. Distinct varieties, on single stems (*Nurserymen*)	4	0	2	0	1	0		
2. 6 Plants. Distinct varieties, on single stems (*Amateurs*)	6	0	4	0	2	0	1	0
3. 3 Plants. Distinct varieties, on single stems (*Amateurs*)	2	10	2	0	1	0		
NOTE.—Pots not to exceed 11 inches in diameter in Classes 1, 2, and 3.								
4. 6 Plants, Pompons. Distinct varieties, on single stems . . . (*Nurserymen*)	4	0	2	0	1	0		
5. 6 Plants, Pompons. Distinct varieties, on single stems . . . (*Amateurs*)	6	0	4	0	2	0	1	0
6. 6 Standard Plants. Large-flowered or Pompons . . . . . (*Open*)	4	0	2	0	1	0		
NOTE.—Pots not to exceed 8 inches in diameter in Classes 4, 5, and 6.								
7. 6 New varieties of the current year . .	2	0	1	0	0	10		
8. Single specimen, single stem, either Large-flowered or Pompon . . . (*Open*)	1	0	0	15	0	10		
9. 24 Cut blooms. Distinct . (*Nurserymen*)	2	0	1	0	0	15	0	10
10. 24 Cut blooms. Distinct . (*Amateurs*)	3	0	2	0	1	0	0	15
11. 12 Cut blooms. Distinct . (*Amateurs*)	1	10	1	0	0	10	0	7
12. 6 Cut blooms. Distinct . . (*Amateurs*)	0	15	0	10	0	7	0	5
13. 6 Cut blooms. Anemone-flowered. Distinct (*Open*)	0	15	0	10	0	7	0	5
14. Best group of cut blooms . . (*Open*)	2	0	1	0	0	10		

LI.—REPORT ON THE GARDEN PEAS

GROWN AT CHISWICK DURING 1860.

By ROBERT HOGG, LL.D., F.H.S., *Secretary to the Fruit Committee.*

The vast number of varieties of the Garden Pea that are met with in seedsmens' catalogues, induced the Fruit Committee to make this one of the first subjects to which they would direct their attention; their desire being to ascertain what were the merits of these numerous varieties, and wherein they differed one from the other. With these objects in view, I received instructions from the Committee to procure all the varieties of peas that were to be obtained, and through numerous presentations and a few purchases, I succeeded in collecting no less than 116 varieties. The presentations were as follows:

Messrs. BATT RUTLEY & SILVERLOCK, Strand	3 varieties.
Messrs. CARTER & Co., Holborn	8 ,,
Messrs. CHARLWOOD & CUMMINS, Covent Garden	11 ,,
Messrs. DILLISTONE & Co., Sturmer	1 ,,
Messrs. HURST & M'MULLEN, Leadenhall Street	7 ,,
Messrs. LAWSON & SON, Great George Street	8 ,,
Messrs. NUTTING & SONS, Barbican	6 ,,
Messrs. SUTTON & SON, Reading	13 ,,
Mr. CHARLES TURNER, Slough	15 ,,
Messrs. VEITCH & SON, Chelsea	2 ,,
Messrs. VILMORIN & CIE., Paris	7 ,,

The purchases were made chiefly of Messrs. NOBLE COOPER and BOLTON, and a few from Messrs. MINIER NASH & NASH, and Messrs. FLÀNAGAN & SON.

The whole of these varieties were sown on the 19th of February, and occupied two large quarters in the kitchen garden which had been prepared expressly for them. The ground received a liberal supply of manure, and the seed was sown under the most favourable circumstances. After the plants were above ground, the season assumed that ungenial aspect which it continued to maintain throughout the whole of the summer, and the progress of the pea crop was so slow that the first blooms did not appear till the 19th of May, and the first pods were not gathered

till the 22nd of June. What with the long-continued cold, and the excessive rains, many of the varieties have grown quite out of character, and others have not been able to exhibit the real merits which they are known to possess.

The result of this experiment as regards nomenclature has been, to reduce the 116 varieties that were sown, to 70, which are certainly distinct, and to the merits or demerits of which this report will more particularly be directed. There cannot be a doubt but that 70 varieties of garden peas are quite unnecessary. One half of them are, in comparison with the others, perfectly worthless, and it would be well if the public would second the efforts of the seedsmen, and select for cultivation those varieties only that are most worth growing.

In arranging the collection for sowing, I first of all classed them according to the characters presented by the ripe seeds, and then by the heights to which they were said to grow. By this method considerable advantage was gained at the outset, by bringing the sorts most nearly allied close together, and thereby rendering comparison more easy. The arrangement I adopted was as follows, and to this I will adhere in the following report. To facilitate identification, and to exhibit the characters of the different varieties, I have supplied drawings of the pods of each, and also figures of the forms of the seeds.

CLASSIFICATION OF PEAS.

Fig. 1.

Fig. 2.

Fig. 3.

I. *Seed round or irregularly roundish, smooth, or nearly so.*

- A. Seed small, round, white; skin thin—Frames. (*Fig.* 1)
- B. Seed large, irregular, white; skin thick—Marrows. (*Fig.* 2)
- C. Seed mixed white and olive—Green Marrows.
- D. Seed small, round, blue; skin thin—Prussians. (*Fig.* 1)
- E. Seed large, blue, irregular; skin thick—Imperials. (*Fig.* 2)

II. *Seed compressed and wrinkled.* (*Fig.* 3)

- F. Seed white—White Knights.
- G. Seed mixed white and olive—Green Marrow Knights.
- H. Seed green—Green Knights.

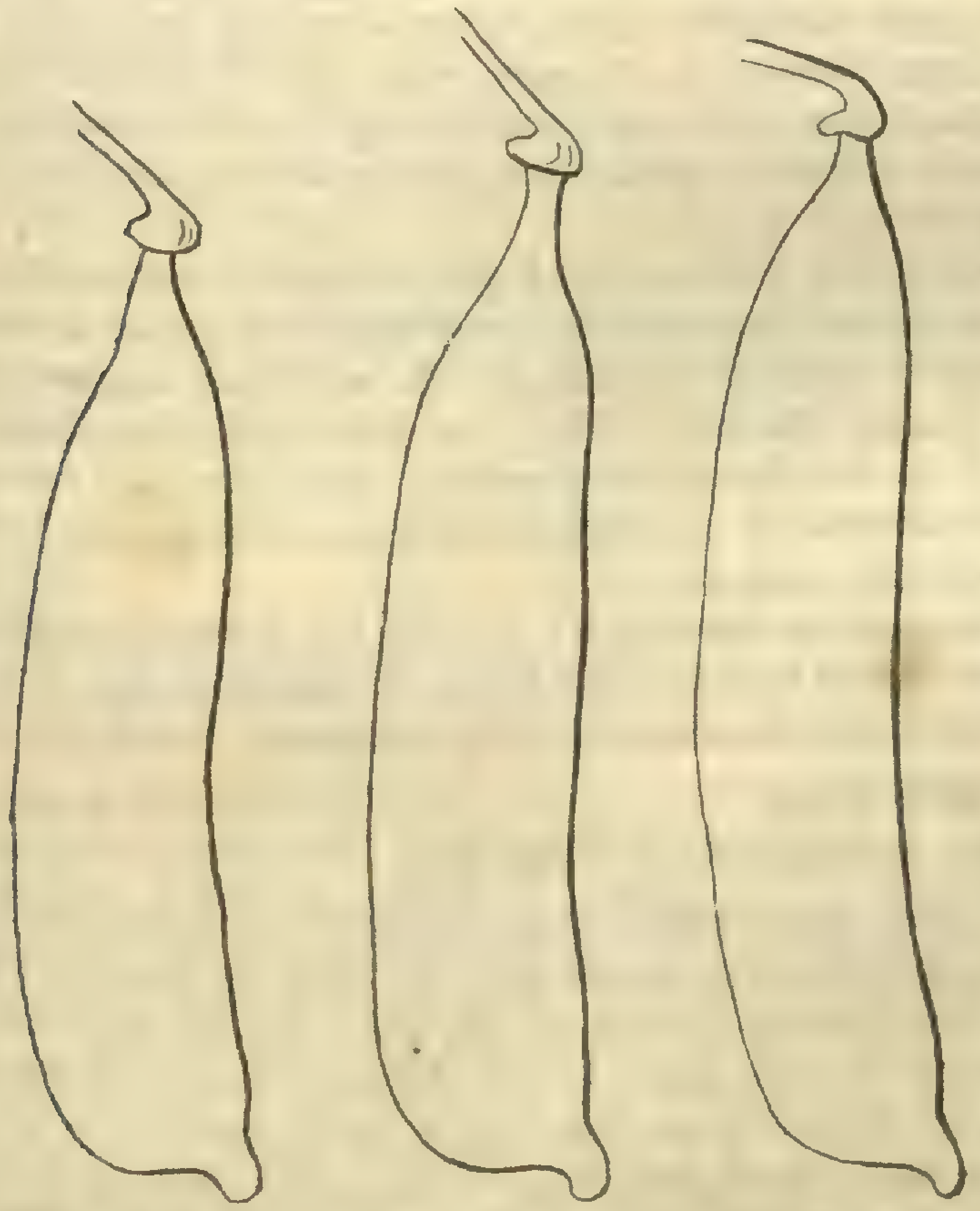
I. FRAME PEAS.

Ripe seed white, almost round, small, smooth, and occasionally pitted. Foliage pale green, not blotched.

1. **Dillistone's Early** . . . Hurst & M'Mullen.

The plant is of a slender habit of growth, produces a single stem 2 feet high, and bears on an average from 7 to 9 pods. The pods are generally single, but occasionally in pairs, almost straight, and containing 7 peas in each. The seed when ripe is white.

Sown on the 19th of February, the plants were a mass of bloom on May 19th. On the 5th of June the blooms dropped and the slats appeared, and on the 22nd of June the whole crop was ready to be gathered.



Dillistone's Early. Sangster's No 1. Early Emperor.

This is undoubtedly the earliest pea known, and is quite seven to eight days earlier than Sangster's No. 1, which has hitherto been regarded as the earliest variety. A striking feature of Dillistone's Early is, that its changes take place all at once. It blooms in a mass; its pods all appear together, and the whole crop is ready to be gathered at the same time. On July 3, it

was beginning to die off when Sangster's No. 1 was yet green and growing; but the pods are decidedly smaller than those of Sangster's No. 1.

2. **Sangster's No. 1** . . . Noble Cooper & Bolton.
Syn. *Carter's Earliest* . . Carter & Co.
Isherwood's Railway . . Hurst & M'Mullen.
Sutton's Champion . . Sutton & Sons.
Early Washington . . Charlwood & Cummins.
Daniel O'Rourke. . Waite.

The habit of this variety is similar to that of the preceding, but it grows somewhat taller, being about 2½ feet high. Each plant bears from 8 to 10 pods, which are 2¾ inches long, and upwards of ½ an inch wide, quite straight, and containing 7 and frequently 8 peas in each; they are generally produced singly, but occasionally in pairs.

Sown on 19th February, the plants began blooming May 22d. On the 5th of June the slats appeared, and on June 29th the pods were ready for gathering. It will thus appear that in all its stages Sangster's No. 1 is less rapid than Dillistone's Early. It was slower in blooming; came into use seven days later, and remained considerably longer on the ground before its crop was fully matured.

It appears that Isherwood's Railway has of late years advanced in earliness and become a synonyme of Sangster's No. 1. Seven years ago it was the same as Early Emperor.

3. **Early Kent** . . . Noble Cooper & Bolton.
Syn. *Prince Albert; Early May.*

The Early Kent grown in the garden this season was quite a mistake, and proved to be the same as Early Emperor. The true Early Kent is now almost if not quite out of cultivation and deservedly so, its place having been occupied by Sangster's No. 1, a more prolific and an equally early pea. It is of a very slender habit of growth, and rarely more than 2 feet high, producing a scanty crop of small ill-filled pods. Its only recommendation, even in its best days, was its earliness.

4. **Early Emperor** . . Noble Cooper & Bolton.
Syn. *Early Sebastopol* . Charlwood & Cummins.
Morning Star.
Rising Sun.

Plant of a slender habit of growth, always with a single stem,

which is 2½ to 3 feet high, and producing from 8 to 10 pods, which are from 2½ to three inches long, generally single, but sometimes in pairs, and become perfectly straight as they approach ripeness. They contain about 7 good-sized peas, which when ripe are white.

Sown February 19th, the blooms appeared May 24th, and on the 5th of June they began to fall. On the 3rd of July the pods were fit to be gathered.

This is a taller grower, and a heavier cropper than either of the two preceding, but as an early variety it is not to be compared with either of them.

5. **Danecroft Rival.**

SYN. *Girling's Pea ; Glass Pea.*

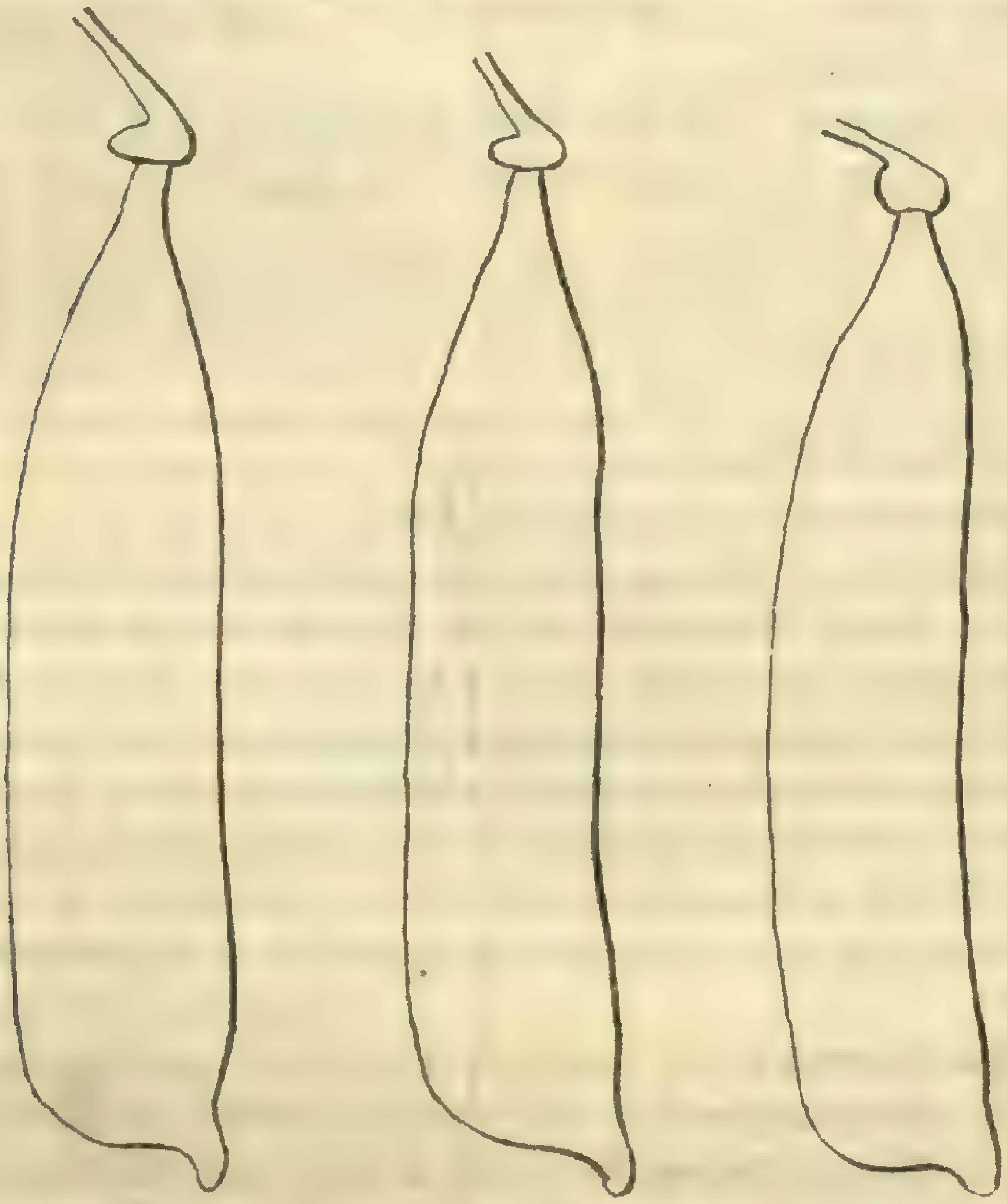
In habit of growth, height, and productiveness, this closely resembles Early Emperor, but it can be easily distinguished from that and every other variety by the total absence of glaucescence or bloom on the leaves, which gives it a singular and sickly appearance. The plant is remarkably tender, and on that account has long since been discontinued as a standard variety. It is now preserved only in the gardens of the curious, where it is grown more for its singular appearance than for any great merit it possesses.

6. **Tom Thumb** . . . . . . PAUL & SON.
SYN. *Beck's Gem* . . . . . BECK & CO.
Royal Dwarf. . . . . . TURNER.
Nain Hâtif extra . . . . VILMORIN.

This is the most dwarf growing of all the varieties. It rarely ever exceeds a foot in height; the stem is of a stout habit of growth, and branches at every joint to within three or four of the top, producing from 14 to 18 pods. The pods are almost always borne in pairs, rarely singly, and are produced at every joint, particularly towards the top; they are smooth, of a dark green colour and well filled, containing from 5 to 8 peas which are almost as large as Imperials. The ripe seed is somewhat ovate, and of a greyish pearly colour.

The seed was sown on February 19th, and the plants bloomed on the 29th, ten days later than Dillistone's Early. The slats appeared on the 12th of June, and the crop was ready to gather July 3rd, being as early as Early Emperor, and eleven days later in coming into use than Dillistone's Early. This is a very excellent pea for forcing, and for early sowing under walls or

other shelter. It is remarkably prolific and cannot but be of great use in small gardens where sticks cannot be conveniently obtained or made use of.



Danecroft Rival. Tom Thumb. Telegraph.

7. **Telegraph** . . . BATT RUTLEY & SILVERLOCK.

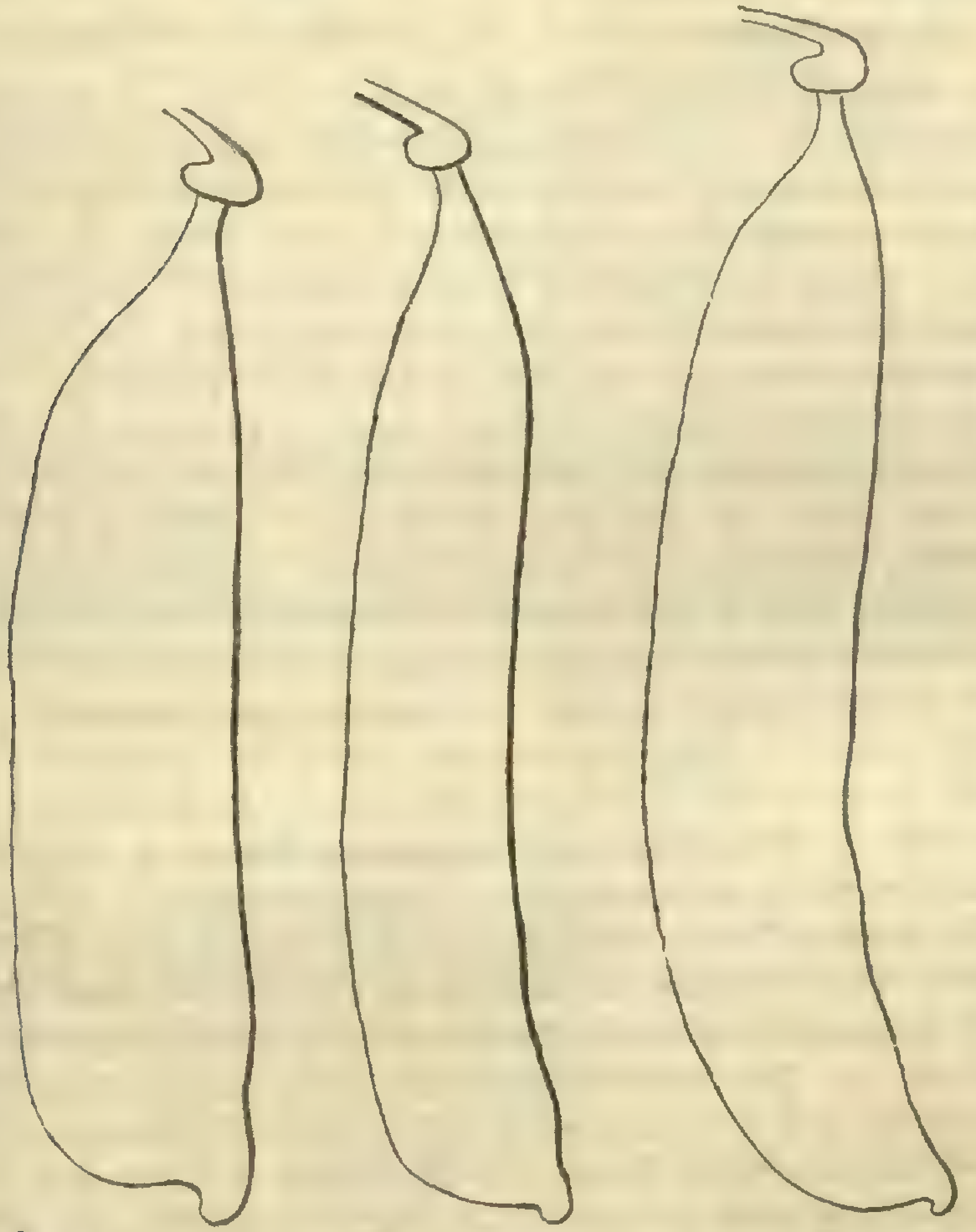
This is in every respect as regards habit of growth and general appearance similar to the Early Emperor, and differs from it in the ripe seed having a black hilum like the Egg pea. It also partakes of the character of the Egg pea in flavour, having that rough bean-like taste which is remarkable in that variety. It produces on an average 5 to 8 pods on a stem, and these contain from 7 to 8 peas. Sown the same day it ripens two days later than Early Emperor The variety is not worth growing.

8. **Early Ringwood.**

SYN. *Ringwood Marrow* . NOBLE COOPER & BOLTON.
Flanagan's Early . FLANAGAN & SON.
Beck's Marrow . BECK & CO.

Plant with a moderately vigorous habit of growth, 3½ to 4 feet

high, not branching. The pods are single or in pairs, in about equal proportion; they are produced from within a foot of the ground at every joint even to the extremity, and contain from 6 to 8 large peas. Ripe seed white.



Early Ringwood. Early Frame. Dickson's Favourite.

Sown February 19th, the plants bloomed May 31st, slatted June 16th, and the pods were ready to gather July 6th. The large well filled pod, and the great prolificacy and earliness of this pea, commend it as a useful variety in all establishments; but the pale colour of the pod, which is white instead of green, has acted as a great obstacle against its being extensively cultivated for market supplies. To those however who have no objection to this peculiarity, which does not in the least affect the merits of the pea, it cannot fail to commend itself. This variety equals the Early Frame in earliness, and is much superior to it in

quality; it also retains its tender marrowy character longer than most other varieties. Being an early pea, and not a marrow, I have substituted the name Early Ringwood for that of Ringwood Marrow.

9. **Early Frame** . . . HURST & M'MULLEN.

In adopting the name "Early Frame" I mean to include all the forms known under that name, whether they are called single or double-blossomed, for in fact there are none that are absolutely "single" or absolutely "double-blossomed." These expressions are not meant to indicate any peculiar structure of the flower as regards the number of the petals, but merely that the blossoms are produced singly or in pairs on the same peduncle. Great efforts have from time to time been made to preserve the single-blossomed character, and notwithstanding the care that has been bestowed upon the selection, growers have hitherto failed in rendering it permanent. There is, however, no real advantage to be obtained even if that character were secured, for the supposed earliness of the single-blossomed frame-peas is now far exceeded by other varieties that have been introduced of late years.

The variety I shall now describe under the name of Early Frame is one received from Messrs. Hurst & M'Mullen under the name of *Marshall's Double-blossomed Frame*, a very excellent and carefully selected stock of Early Frames.

The plant is 3 to 4 feet high, and has a single stem of rather vigorous habit of growth, more stout and robust than that of Early Emperor, and bearing from 9 to 12 pods but frequently as many as 14. The pods are produced either singly or in pairs, and contain 7 to 8 peas in each. The ripe seed is white. This is decidedly the best form of Early Frame I have met with. The seed was sown on the 19th of February, and the plants bloomed on June 1st; on the 18th of June the slats appeared, and the crop was ready for use on July 7th.

10. **Early Warwick** . . NOBLE COOPER & BOLTON.
SYN. *Race Horse; Essex Champion.*

What is now grown under the name of Early Warwick is very different from the variety to which the name was originally applied. When first obtained at Evesham in Warwickshire, it was a single-blossomed pea and somewhat earlier than the double-blossomed Frame of those days, but it gradually lost its single-blossomed character, and has now become identified with

the ordinary Early Frames; the sample grown in the garden this season also proved to be the same.

11. Dickson's Favourite . . NOBLE COOPER & BOLTON.
SYN: *The Wonder* . . CHARLWOOD & CUMMINS.
Cotterell's Wonder . FLANAGAN & SON.
Torwoodlee . . LAWSON & SON.

This seems to be a form of the Auvergne, but the plant has a more slender growth than that variety, and it is a day or two earlier. It grows from 4 to 5 feet high, with a single stem and pale green foliage. The pods are produced in pairs to the number of 12 or 14, and are curved, but not so much so as in the Auvergne, and contain from 6 to 7 peas in each. Ripe seed white.

Sown February 19th; bloomed June 9th; slatted June 20th, and the pods were ready to gather July 7th.

This is decidedly an inferior pea to the Auvergne which it resembles, and which produces long well-filled pods containing from 9 to 12 peas in each.

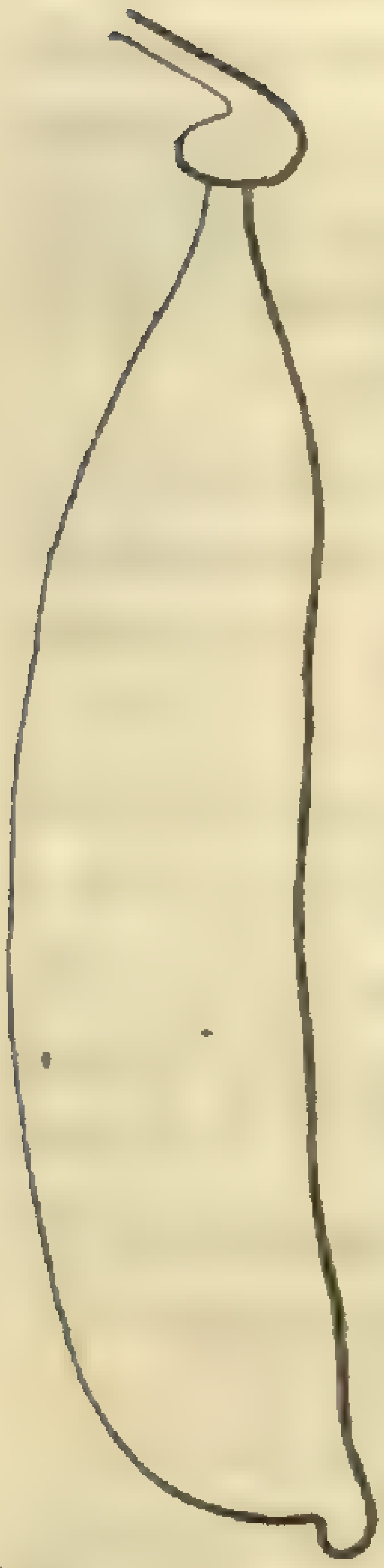
12. Bishop's Long-podded . NOBLE COOPER & BOLTON.

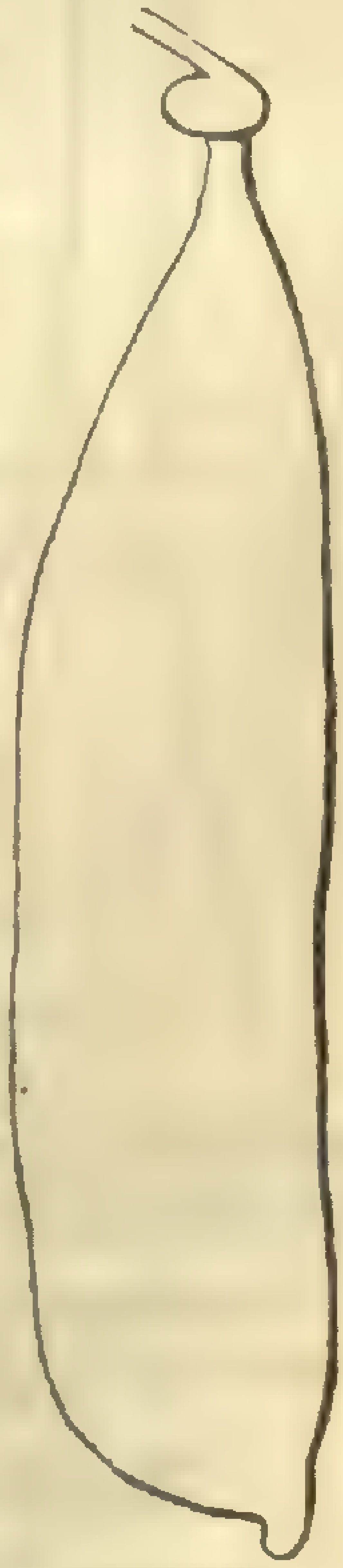
SYN: *Bishop's Improved.*

The old Bishop's Dwarf is now entirely out of cultivation. It was a low-growing plant, 9 inches to a foot high with a branching stem, and produced small insignificant pods 2½ inches long, and ½ an inch wide. Such a pea is of no use in these days.

Bishop's Long-podded is a great improvement on the old variety. It grows about 2 feet high, produces numerous side branches, and bears from 18 to 20 pods on a plant. The pods are either single or in pairs, and contain from 7 to 9 peas in each. Ripe seed creamy white.

Sown February 19th; bloomed May 30th; slatted June 20th, and the pods were ready to gather July 9th.

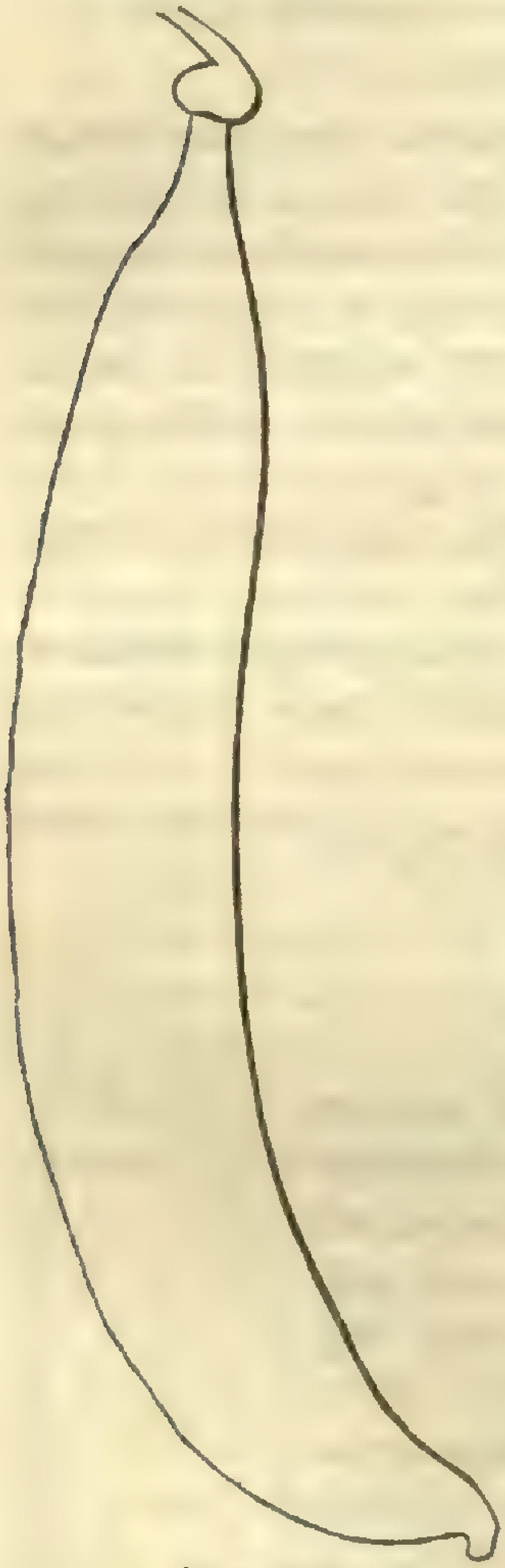

Bishop's Dwarf.


Bishop's Long-podded.

13, **Auvergne** . . . NOBLE COOPER & BOLTON.

SYN: *White Sabre; White Scimetar.*

This is without doubt the best second early of the Frame class in cultivation. The plant is of moderately strong habit of growth, 4 to 5 feet high, and bears from 12 to 15 pods. The pods are generally single, and sometimes in pairs; when fully grown they are 4½ inches long, and over ½ an inch broad, tapering towards the point, and very much curved. They contain from 9 to 12 peas, which are very closely compressed, and are of the size of Early Frames. Even the small pods contain 7 to 9 peas in each. Ripe seed white. Sown February 19th, bloomed June 11th; slatted June 23rd, and the pods were ready July 10th.



Auvergne.

14. **Shilling's Grotto** . . NOBLE COOPER & BOLTON.

The plant is of a strong habit of growth, always with a single stem, 4½ to 5 feet high. The pods are generally single, but frequently in pairs, 3½ inches long, and about ½ an inch wide and containing on an average about 7 large peas. The ripe seed is white.

Sown February 19th; the plants were in bloom June 9th. The slats appeared on the 20th of June, and the pods were ready to gather July 10th.

It is nearly twenty years since this pea was introduced, and at that time it was a decided acquisition, being a great improvement on the second early varieties then in circulation. Since the introduction of Champion of England, Champion of Paris, Prize-taker and several others to which it is certainly inferior, and which ripen at the same time, it may very well be dispensed with.

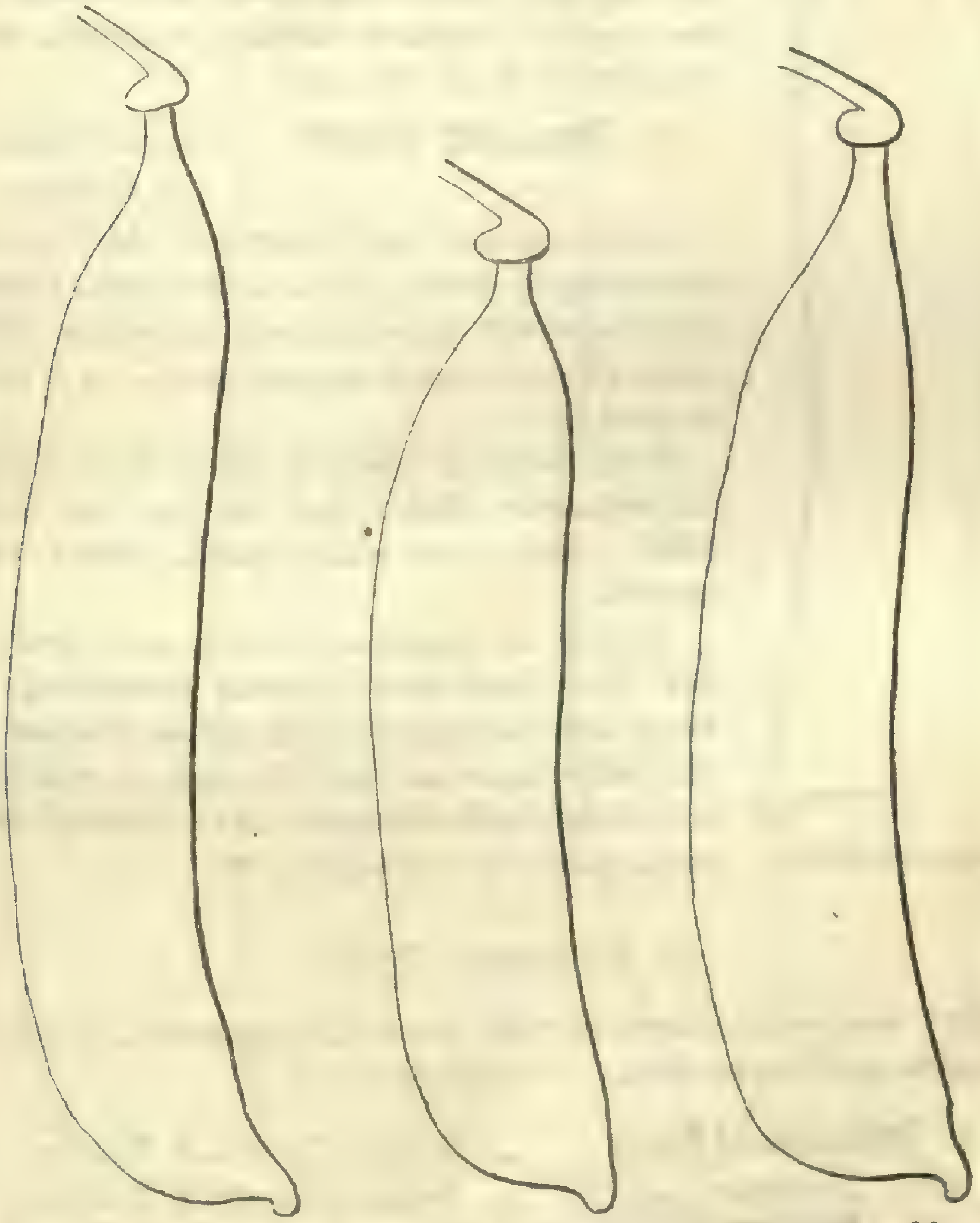
15. **Royal Dwarf** . . . CHARLWOOD & CUMMINS.

SYN: *White Prussian; Poor Man's Profit; Dwarf Prolific.*

Plant of medium growth, having a stem three feet high,

generally simple but occasionally branching, and bearing about 18 pods, which are sometimes single, but generally in pairs; they are from 2½ to 3 inches long, and usually well filled, containing from 5 to 6 peas. The ripe seed is white.

Sown February 19th; the plants bloomed June 12th, and the slats appeared July 3rd; the pods were ready for gathering July 13th. The plant is fan-like in habit, and a prodigious bearer.



Shilling's Grotto. Royal Dwarf. Victoria Branching.

16. **Victoria Branching** . NOBLE COOPER & BOLTON.
SYN: *Paul's Early Dwarf* . LAWSON & SON.
Paul's Prolific . . HURST & M'MULLEN.

Plant with a strong robust habit of growth, 3 feet high. The stem is generally simple, but sometimes branching, and bears

from 12 to 16 pods, which are 3 to $3\frac{1}{4}$ inches long, and $\frac{1}{2}$ an inch broad, and contain from 7 to 8 large peas. The foliage is dark green. Ripe seed white.

Sown February 19th; the plants bloomed June 16th; the slats appeared July 4th, and the pods were ready to be gathered July 16th. This is a very abundant bearer, but it comes into use at a time when there are several of the superior wrinkled varieties in season, and therefore it is not required.

17. **Danecroft Prolific** . NOBLE COOPER & BOLTON.

The plant very much resembles the Victoria Branching in habit. It is 3 feet high, robust and frequently branching, and produces from 12 to 16 pods, which contain from 7 to 8 peas of good size.

Sown February 19th; in bloom June 23rd; slatted June 30th; and fit for use July 20th. Ripe seed white, small, round and smooth.

This is an abundant bearer, and four or five days later than Victoria Branching, to which it is not superior. It comes into use at the same time as the following, to which it is inferior, and therefore is a variety that might easily be dispensed with.

Danecroft Prolific.

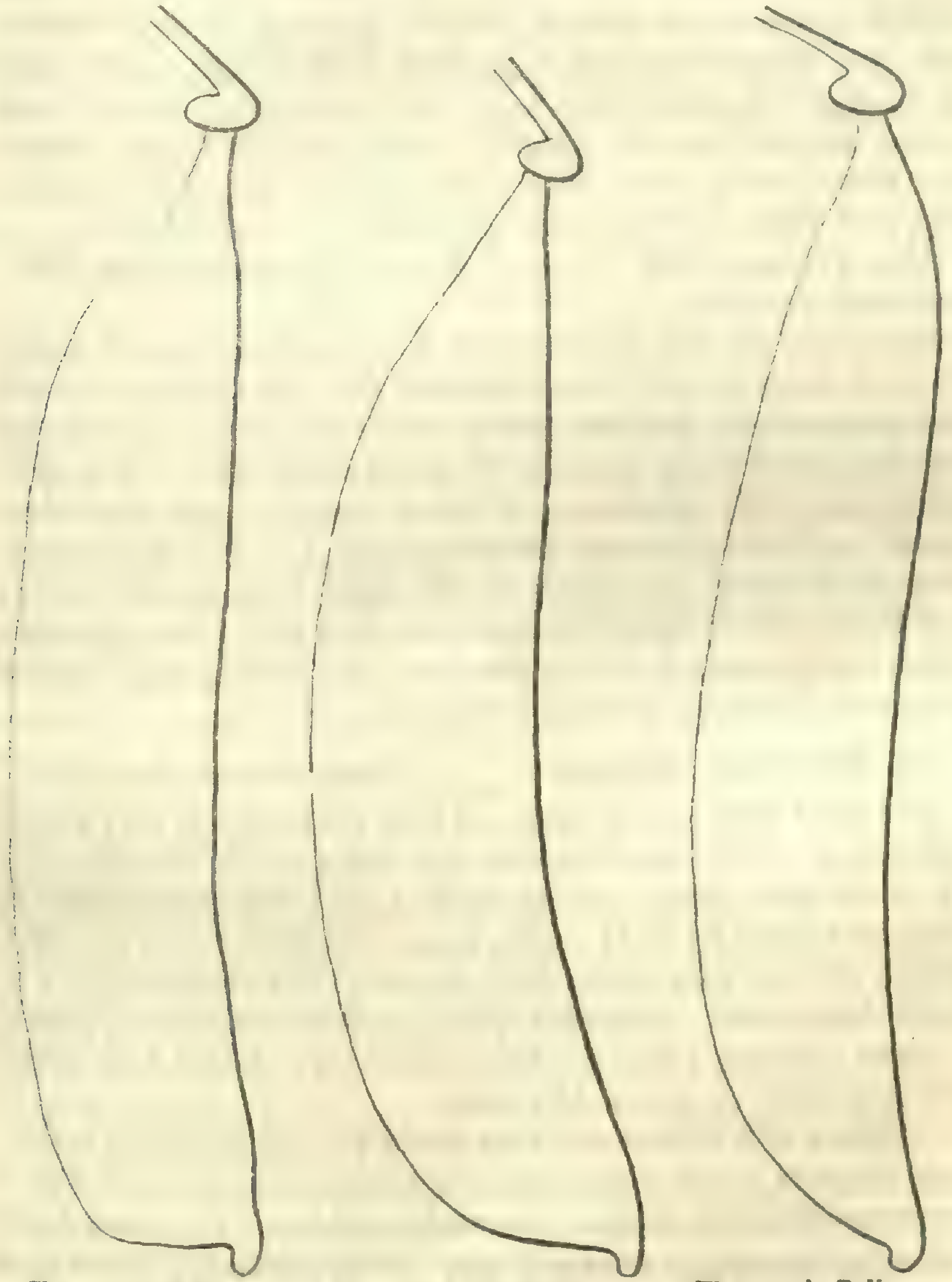
II. MARROW PEAS.

Ripe seed white, large, smooth, uneven, compressed, irregular or egg-shaped; skin thick. Foliage blotched.

18. **Champion of Paris**	.	NOBLE COOPER & BOLTON.
SYN. *Excelsior*	. . .	NOBLE COOPER & BOLTON.
Knight's Excelsior	.	TURNER.
Stuart's Paradise	.	FLANAGAN & SON.
Paradise Marrow	.	NOBLE COOPER & BOLTON.

This is a rather strong-growing variety, 5 to 6 feet high, having generally a single stem, which is, however, occasionally branched, and produces from eight to ten pods. The pods are for the most part single, but sometimes in pairs, about 4 inches

long, nearly three-quarters of an inch wide, and remarkably well filled with from 7 to 9 large peas. Ripe seed white, medium-sized, somewhat flattened and pitted.



Champion of Paris. Harrison's Perfection. Thurston's Reliance.

The seed was sown February 19th, and the plants were in bloom June 11th; they were slatted on the 23rd of June, and on July 6th the pods were fit to be gathered.

This is a very excellent pea, an abundant cropper, quite as early as Early Ringwood, and Early Frame, and considerably

earlier than Auvergne, aud Shilling's Grotto, to all of which it is in every respect greatly superior.

19. **Harrison's Perfection** . NOBLE COOPER & BOLTON.

Plant with a robust habit of growth, having a thick succulent stem, 3 to 3½ feet high, and large dark green foliage. The pods are produced in pairs from every joint, averaging 16 or 18 on a plant, but they are very irregularly and badly filled, and contain only from 4 to 6 peas. The peas are large and thick-skinned. Ripe seed white, medium-sized, and somewhat lentil-shaped.

Sown February 19th; bloomed May 29th; slatted June 16th; pods ready July 7th.

When this was first introduced it was considered a great acquisition, as being an early dwarf marrow pea, and as such it would have deserved all that was said in its favour provided it had not the very objectionable property of filling irregularly. The pods early assume the appearance of being ready for use, but when opened are found to contain half-grown peas, 4 to 6 of which, only, come to maturity. It ripens at the same time as Prize-taker and Fairbeard's Nonpareil, and is some days later than Advancer, which has the same habit, is far more productive, and has the additional advantage of being a sweet wrinkled pea.

20. **Thurston's Reliance** . . CHARLWOOD & CUMMINS.

The plant grows to the height of 6 or 7 feet, and is very strong and robust. The stem is simple and bears on an average from 10 to 12 pods, which are generally single, but occasionally in pairs, and from 3½ to 4¼ inches long. They are broad and flat, shaped like the pods of the Blue Scimitar, and contain from 7 to 8 very large peas. Ripe seed white, large, unevenly compressed.

Sown February 19th; in bloom June 23rd; slatted June 28th; and pods ready to gather July 10th.

This is a very distinct and very useful pea, an abundant bearer, and the pods are of a fine deep bright green colour, which is a recommendation to it when grown for market. It comes in at the same time as the Auvergne and Shilling's Grotto, but it is of a more tender constitution, for during the past summer, while the pods of these varieties filled well, those of Thurston's Reliance did not contain more than 6 to 7 matured peas: a character, however, which it does not exhibit in ordinary summers.

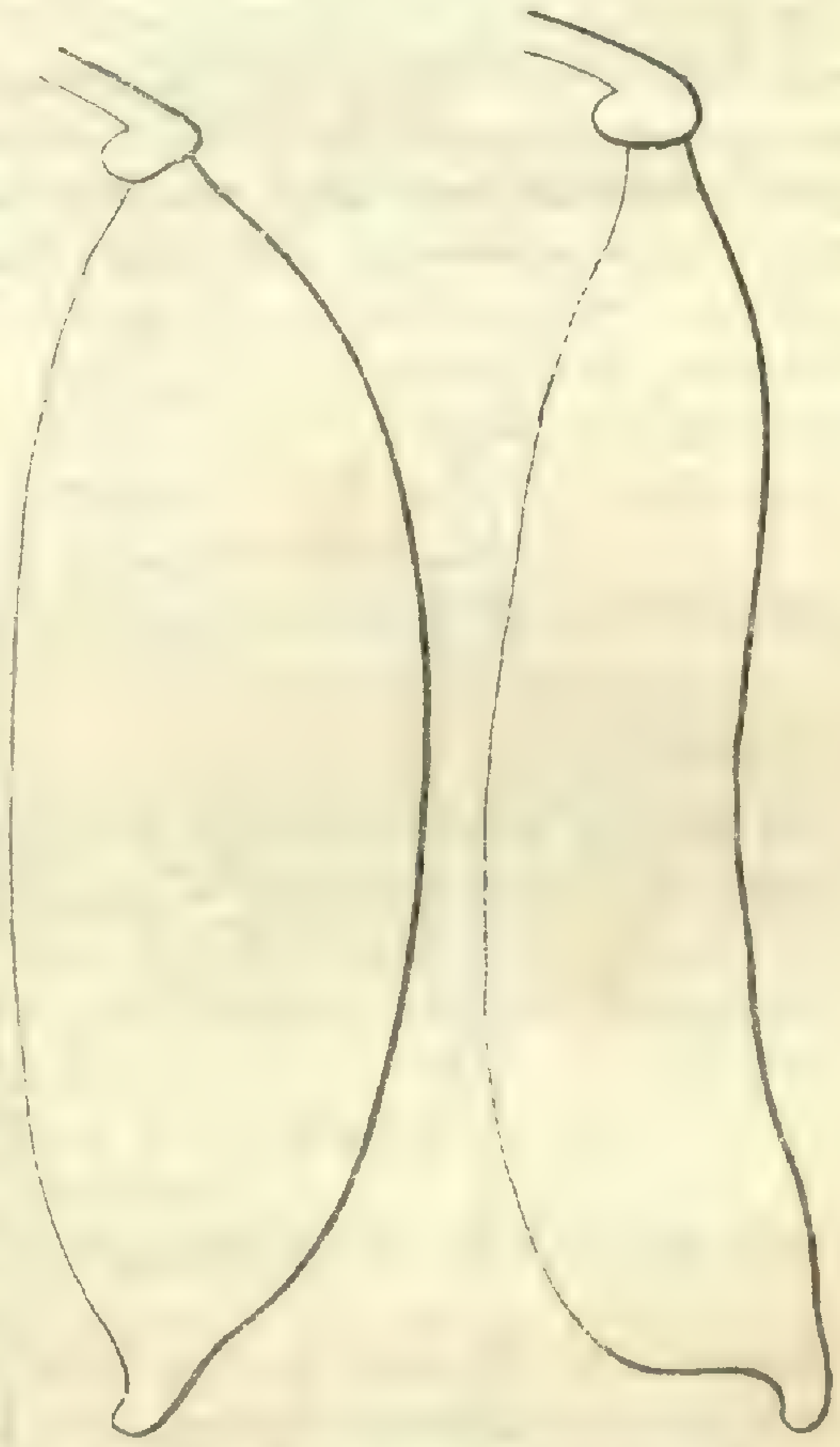
21. **Queen of Dwarfs** . . NOBLE COOPER & BOLTON.

A very dwarf-growing variety, not more than 6 to 9 inches

high. The stem is thick, succulent, and sometimes branching, and the foliage of a dark blue-green colour. Each plant produces about 4 or 6 pods, which are of a curious elliptic shape, and rarely contain more than 3 or 4 large peas. Ripe seed white, medium-sized, egg-shaped, unevenly compressed.

Sown Februar 19th; bloomed June 15th; slatted June 28t ; and the pods were ready to gather July 10th.

This is a very worthless variety, and unworthy of cultivation for any purpose whatever. The plant is so remarkably tender, that even in favourable seasons it does not develop nor fill its pods freely. In summers like the last it is chilled with cold, and in those that are warmer or more genial it is almost invariably attacked with green fly.



Queen of Dwarfs. November Prolific.

22. **November Prolific** . . . NUTTING & SONS.

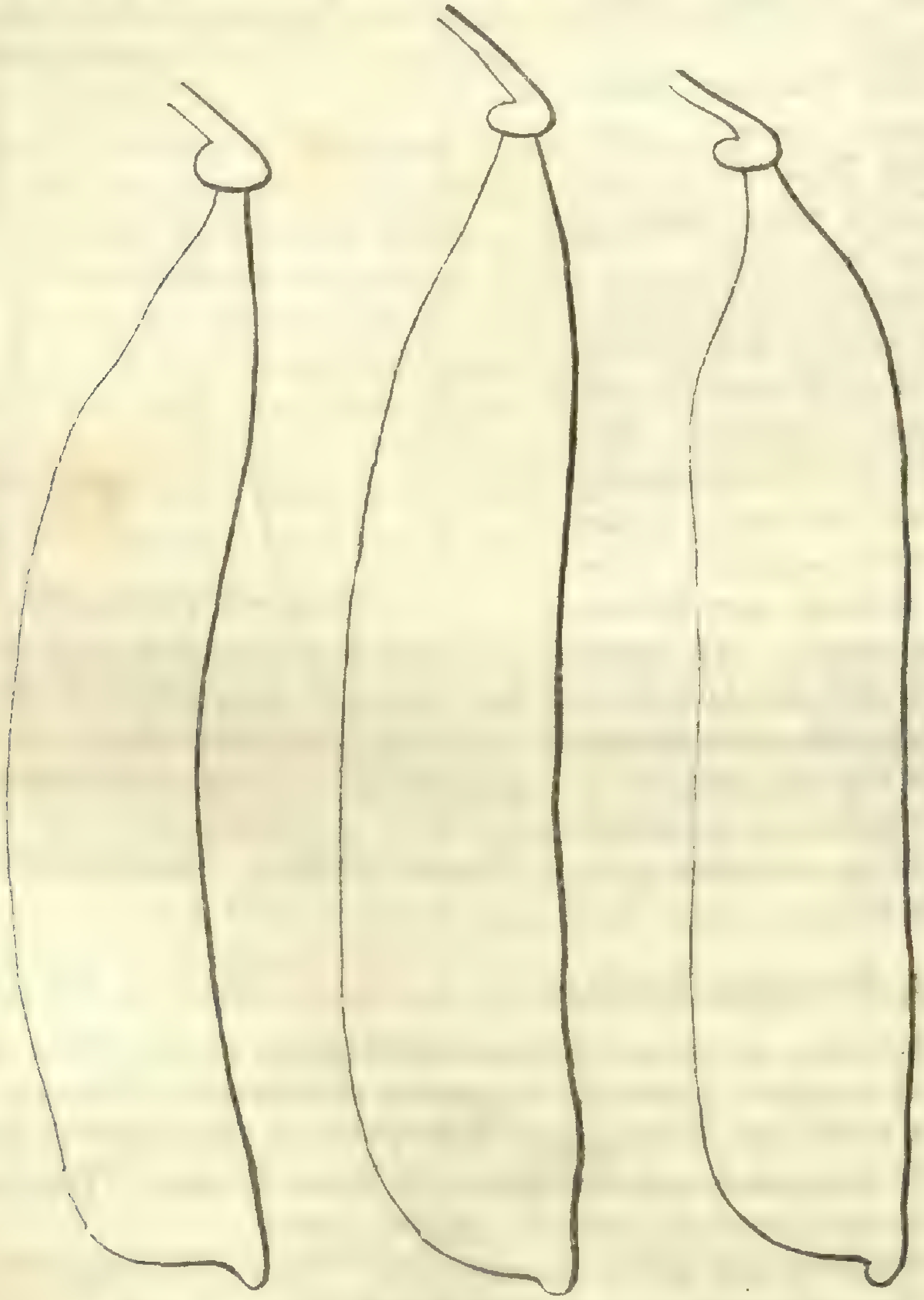
The plant is 2 feet high, with dark green foliage. The stem is rather robust, generally simple, but occasionally branched, and bears from 12 to 16 pods. The pods are generally in pairs, rather short, and contain from 4 to 6 peas in each. Ripe seed white, medium-sized, smooth and compressed.

Sown February 19th; bloomed June 16th; slatted June 28th; and the pods ready to be gathered July 11th.

This somewhat resembles in growth the Royal Dwarf, but is very inferior to that variety; and, in fact, is not worth growing for any purpose.

23. **Egg** . . . . NOBLE COOPER & BOLTON.

This is a very old variety, and long known by the name of *Black-eyed Susan*, from the seed having a black hilum or eye. The plant is of a strong and robust branching habit of growth, and from 7 to 8 feet high. It produces about 18 pods, which are almost always in pairs, and these contain about 7 good-sized peas, which are large and oval like a horse bean. Ripe seed white, large, egg-shaped, and with a black hilum.



Egg. Victoria Marrow. Princess Royal.

Sown February 19th; bloomed June 20th; slatted July 18th; and the pods were ready to be gathered July 12th.

This, though an abundant bearer, is quite a worthless variety, and it would be difficult to say for what object it is cultivated. The peas have a very thick skin, and a coarse bean-like flavour, and when cooked are generally of a dusky brown colour.

24. **Victoria Marrow** . . NOBLE COOPER & BOLTON.
SYN: *Gibbs' Defiance* . GIBBS & CO.

This is also known by the names of *Waterloo Marrow*, *Giant Marrow*. *Wellington*, *Royal Victoria*, and *Tall Marrow*.

The plant is of a strong and vigorous habit of growth, having a simple stem from 6 to 7 feet high. The pods are produced near the top of the stem, sometimes single, sometimes in pairs in about equal proportion, and contain from 5 to 7 very large peas. Ripe seed white, large, uneven, and roundish.

Sown February 19th; bloomed June 18th; slatted June 26th; and fit for use July 13th.

25. **Princess Royal** . . . . . TURNER.

The plant is 3 feet high, a strong and vigorous grower, with dark green foliage. The stem is generally simple, but occasionally branched, bearing from 10 to 12 pods, which are usually in pairs. The pods are large, and have an attractive appearance, but they fill slowly and indifferently: so much so that when opened they average only from 3 to 6 large peas in each. Ripe seed large, round, uneven, and white.

Sown February 19th; bloomed June 12th; slatted June 26th; ready for use July 20th.

This variety seemed to have suffered from the cold summer, the pods having a chilled and starved appearance; and it is, therefore, not improbable but that in a warm season it may prove a useful and prolific late marrow.

III. GREEN MARROW PEAS.

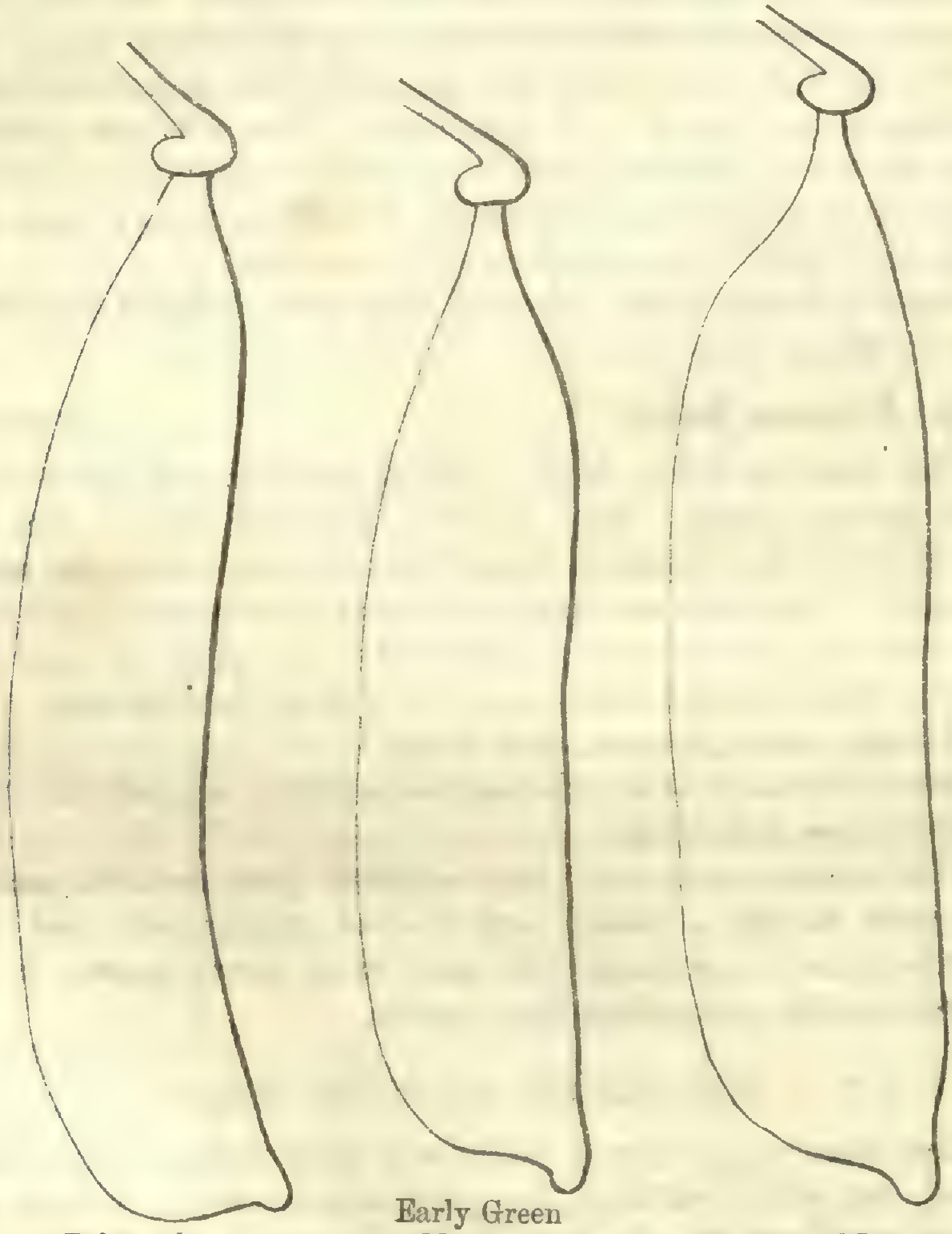
Ripe seed of a mixed white and olive colour, either small, round, and pitted, or large, irregular, and uneven. Foliage dark green and blotched. Pods dark bluish-green, very glaucous.

26. **Prize-taker** . . . NOBLE COOPER & BOLTON.
SYN: *Prize-taker Green Marrow* . . SUTTON & SONS.
Rising Sun . . . . TURNER.
Leicester Defiance . . . BECK & CO.

The plant is $4\frac{1}{2}$ to 5 feet high, of a vigorous habit of growth. The stem is sometimes simple and sometimes branched, and

produces from 12 to 18 pods. The pods are in pairs, very rarely single, and of a deep bluish-green colour, covered with a thick and distinct bloom; they contain 6 to 7 large peas in each, which are of a dark bluish-green. The ripe seed is small, round, and of a mixed white and green colour.

Sown February 19th; bloomed June 5th; slatted June 20th; ready for use July 6th.



Prize-taker. Early Green Marrow. Matchless Marrow.

This is a very excellent pea, and an abundant bearer, but I cannot perceive any great difference between it and *Bellamy's Early Green Marrow*, which I grew in a collection for the purpose of comparison in 1853, and a very excellent form of which was grown by Messrs. Noble Cooper and Bolton, under the name of *Noble's Early Green Marrow*. In that year the

latter was sown as late as the 5th of April; bloomed on the 15th of June; slatted on the 21st; and on the 8th of July the crop was ready for use.

27. **Early Green Marrow** . NOBLE COOPER & BOLTON.
SYN: *Dwarf Green Marrow* . HURST & M'MULLEN.

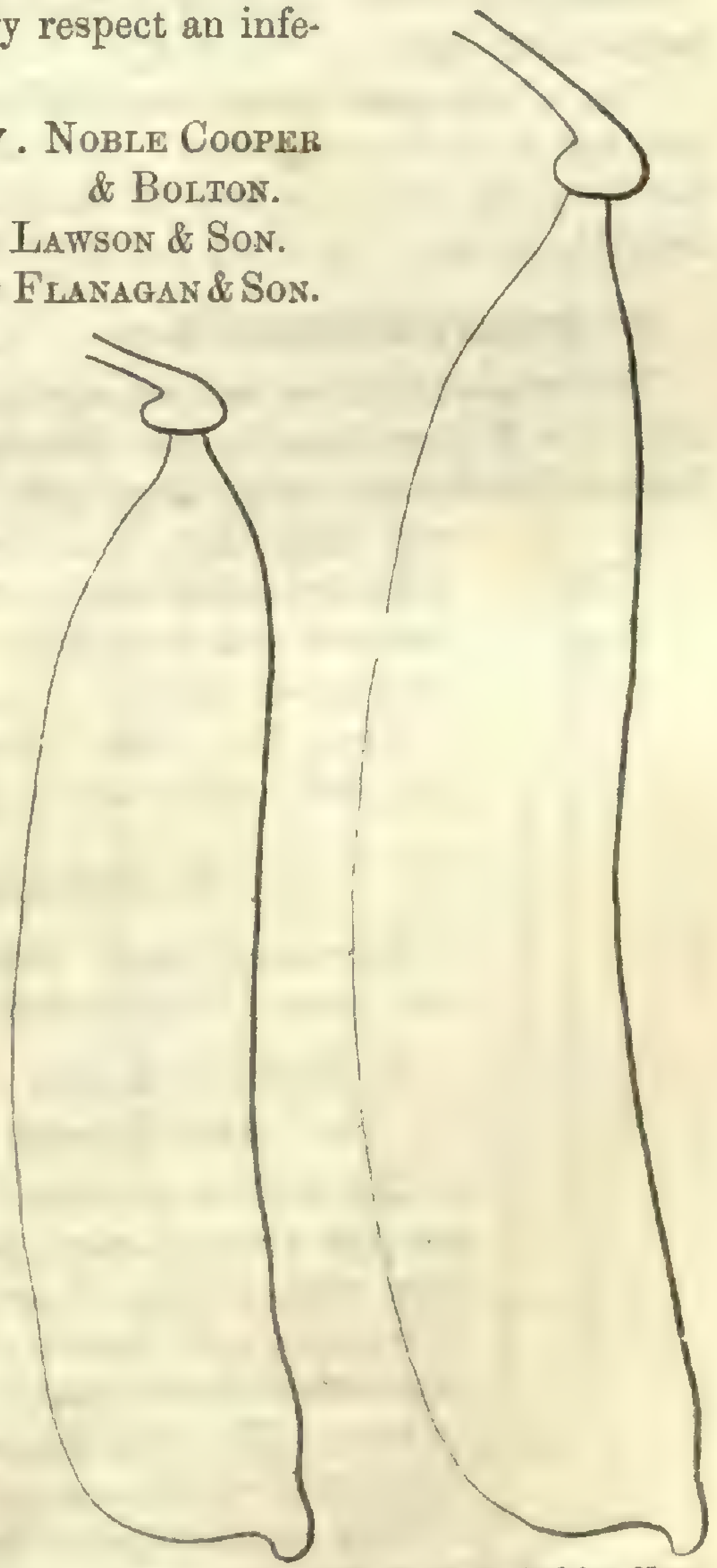
This bears considerable resemblance to the preceding, with the exception of having a smaller pod, and being about five days later in coming into use. It also grows about 7 feet high, and is in every respect an inferior variety to it.

28. **Matchless Marrow** . NOBLE COOPER & BOLTON.
SYN: *Milford Marrow* LAWSON & SON.
Stradsett Marrow FLANAGAN & SON.

Plant 5 to 6 feet high, of strong and robust habit of growth. The stem is always simple, and bears from 12 to 16 pods. The pods are generally in pairs, rarely single, and contain from 6 to 7 very large peas. The ripe seed is large, uneven, variously and irregularly shaped, and of a white and olive colour mixed.

Sown February 19th; bloomed June 13th; slatted June 28th; ready for use July 15th.

This is a great bearer, and produces large, plump, well-filled pods, which come into use 4 or 5 days after the Early Green Marrow, and 10 days after Prize-taker; but it is a tender variety, and during the past season did not fill well, nor were the pods freely developed.



Garbutt's Amazon. Sutton's Berkshire Hero.

29. **Garbutt's Amazon** . . . FLANAGAN & SON.
SYN: *Denyer's Early Prolific Green Marrow* . . . . NUTTING & SONS.

Plant a strong robust grower 5 to 6 feet high, having a simple stem which produces not more than 6 pods. The pods are either single or in pairs, and contain 6 large peas in each. Ripe seed white and olive mixed, large, uneven, variously and irregularly shaped.

Sown Feb. 19th; bloomed June 19th; slatted June 29th; fit for use July 20th.

This is very much in the way of Matchless Marrow, but comes into use 5 or 6 days later. It is also much less productive, and the pods, which are few, fill indifferently, so that it is not a desirable variety. Is it not the old Tall Green Marrow?

30. **Sutton's Berkshire Hero** . . SUTTON & SONS.

This is a much taller and stronger grower than the preceding, and 5 or 6 days later in all its stages. The plant is 7 feet high, and produces 8 or 10 large pods, which contain from 6 to 7 very large peas. The ripe seed is larger than that of the preceding, and of Matchless Marrow, uneven, variously and irregularly shaped, and of white and olive colour mixed.

Groom's Superb.

Sown Feb. 19th; bloomed June 25th; slatted July 3rd; and ready for use July 25th.

IV. PRUSSIAN PEAS.

Ripe seed small, almost round, smooth; skin thin, blue. Foliage dark green, blotched.

31. **Groom's Superb** . LAWSON & SON.
SYN: *Blue Spanish Dwarf; Blue Fan.*

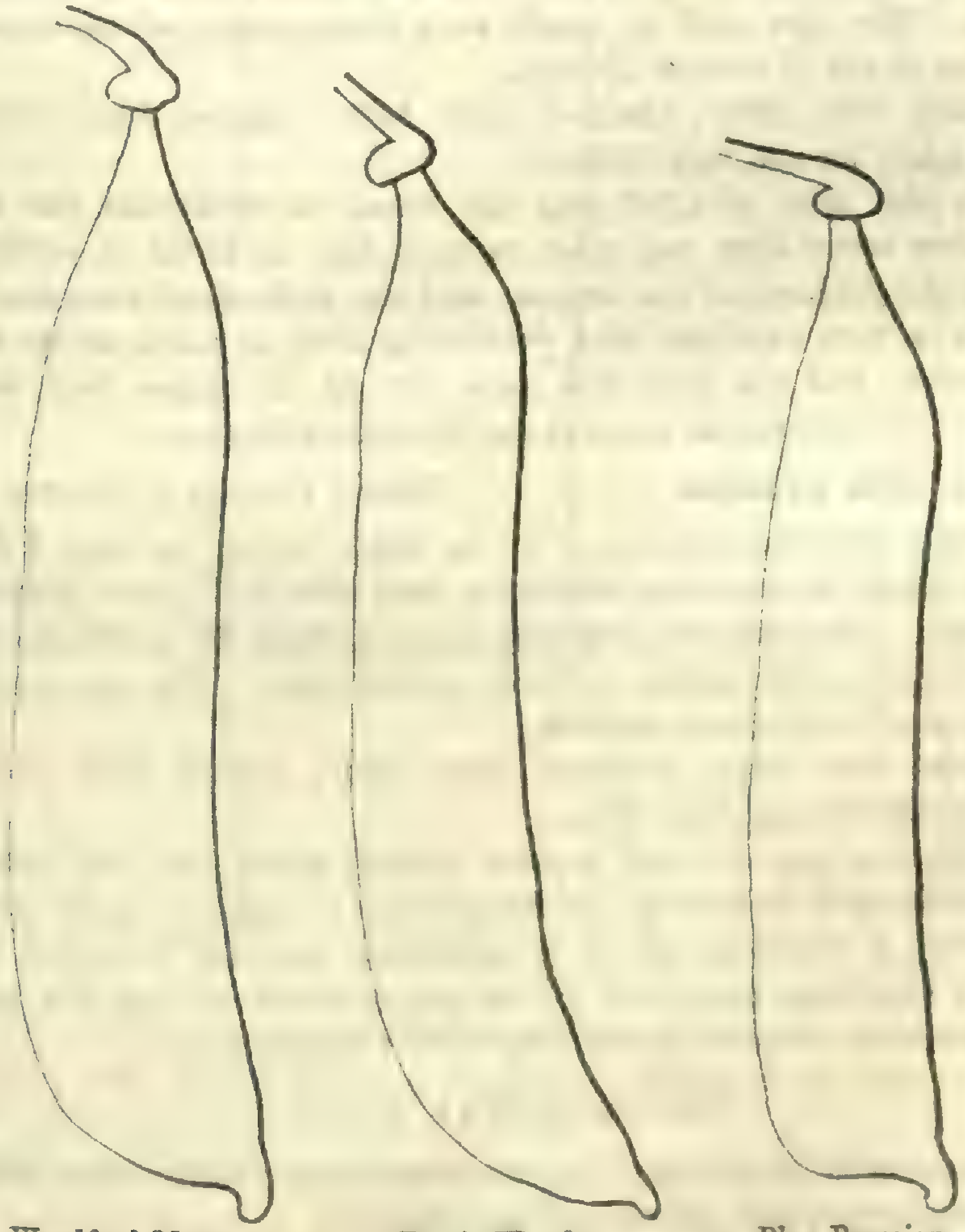
The plant grows from 18 inches to 2 feet high, and has a simple stem, bearing from 8 to 10 pods. The pods are single or in pairs, in about equal proportion, and contain 6 to 7 peas in each. The ripe seed is small, round, and pale blue.

Sown Feb. 19; bloomed June 16th; slatted June 25th; fit for use July 14th.

This is now almost entirely out of cultivation, being surpassed by several other varieties of superior merit. It is really not worth perpetuating.

32. **Woodford Marrow** . NOBLE COOPER & BOLTON.

Plant of a strong and robust habit of growth, having very dark bluish-green blotched foliage, and a stem 3½ feet high, which is sometimes simple, but generally branched at about half its height from the ground. The pods number about 11 on a plant, and are produced singly or in pairs; when ready to gather they are rather flattened, but as they become ripe they assume a roundish shape. They contain on an average 8 peas in each, and these are of a very dark olive-green colour, rather thick in the skin, and very closely packed, so much so as to be quite flattened where they come in contact. The ripe seed is very dark blue.



Woodford Marrow. Batt's Wonder. Blue Prussian.

Sown Feb. 19th: bloomed June 14th: slatted June 26th; and fit for use July 14th.

On account of its fine dark green pod this is an excellent pea to grow for market; but it is one that requires to be very carefully selected when grown for seed, as it has a great tendency to degenerate back to the Blue Prussian, from which it has evidently been raised.

33. **Batt's Wonder** . . BATT RUTLEY & SILVERLOCK.

The plant is of a strong and sturdy habit, with a thick stem 2½ feet high, generally simple, but sometimes branching, and having large dark green foliage. The pods are produced in pairs, on an average of from 12 to 18 on each plant; they are curved like those of the Scimitar, and contain from 9 to 11 good-sized peas. The ripe seed is small, dark bluish-green, of the colour of that of the Woodford Marrow.

Sown Feb. 19th; bloomed June 16th; slatted June 28th; and ready for use July 16th.

In the trial of 1859 this was found to withstand the dry weather better than any other variety; but in 1860 it suffered from the coldness of the season, and the pods filled irregularly. It is a very excellent and productive kind, as much so as the Scimitar, and the pods and peas are of the same dark dull bluish-green colour as those of the Woodford Marrow.

34. **Blue Prussian** . . NOBLE COOPER & BOLTON.

Plant not robust or strong in its habit, having a stem 3 feet high, which is sometimes branching, and with dark green blotched foliage. The pods are generally in pairs, from 12 to 16 on each plant, and contain about 7 closely packed peas. The ripe seed is blue, small, and almost smooth.

Sown Feb. 19th; bloomed June 16th; slatted June 28th; and ready for use July 16th.

This is a very old and popular variety, much used for extensive culture in fields and market-gardens on account of its great fertility, a character which it maintains superior to any of the other blue peas, most, and indeed all, of which during the past season have exhibited much less hardy constitutions.

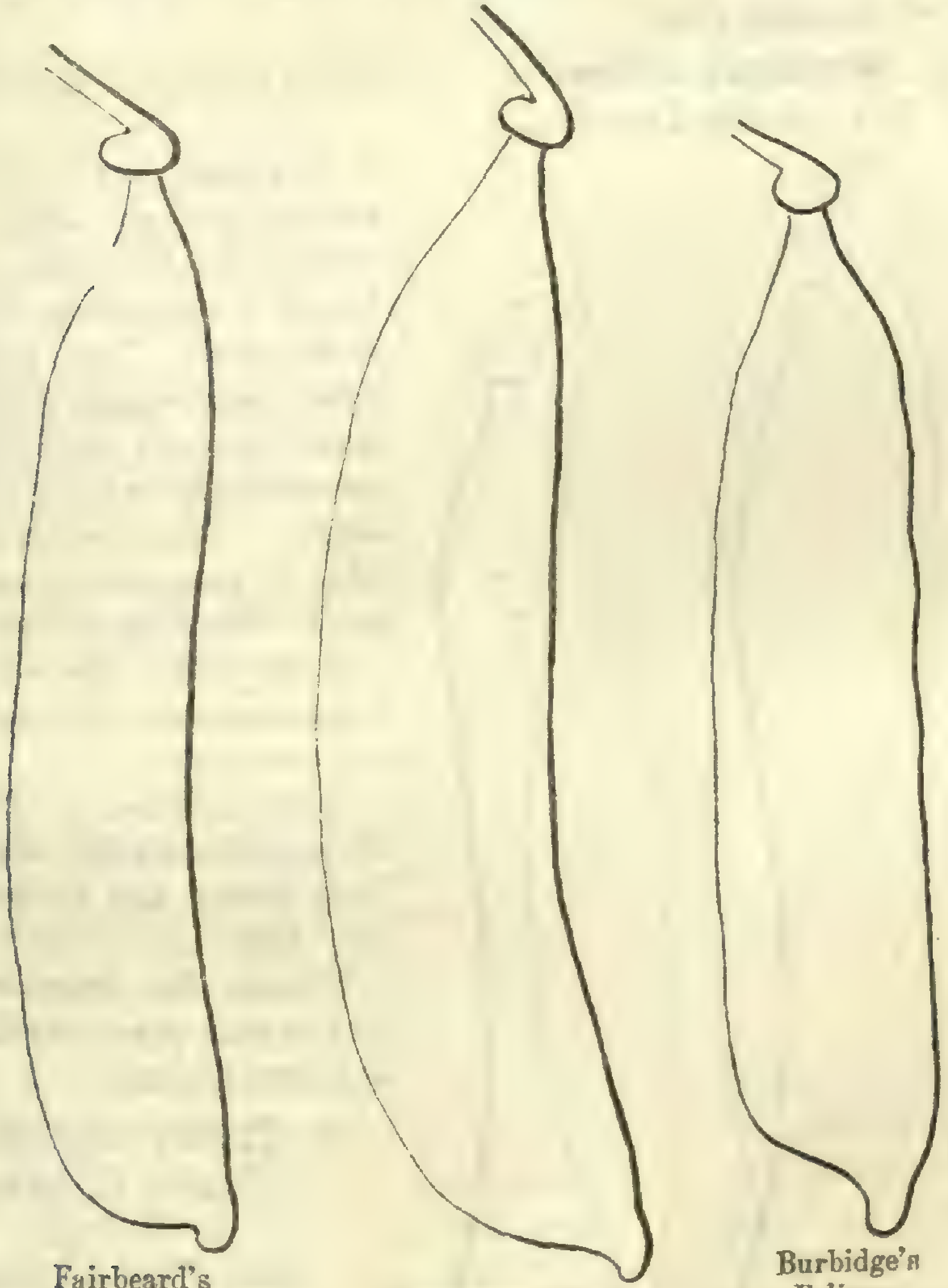
V. IMPERIAL PEAS.

Ripe seed large and irregular in shape; skin thick, blue. Foliage large, dark green, and blotched.

35. **Fairbeard's Surprise** . NOBLE COOPER & BOLTON.

The plant is a free but not robust grower, and always with a

simple stem, which is about 5 feet high. The foliage is bright and not dark green, like the other varieties of this class. The pods are generally single, but sometimes in pairs, and are from 8 to 10 on a plant; they contain from 7 to 8 good-sized peas. The ripe seed is somewbat oval, of a pale blue colour.



Fairbeard's Surprise. Harrison's Glory. Burbidge's Eclipse.

Sown Feb. 19th; bloomed June 7th; slatted June 20th; and fit for use July 9th.

This and Fairbeard's Champion of England were originally taken from the same pod, the former having a round and the latter a wrinkled seed. It is the earliest of all the round blue peas, and very superior in every respect to the following, which comes into use two or three days later.

36. **Harrison's Glory** . . NOBLE COOPER & BOLTON.

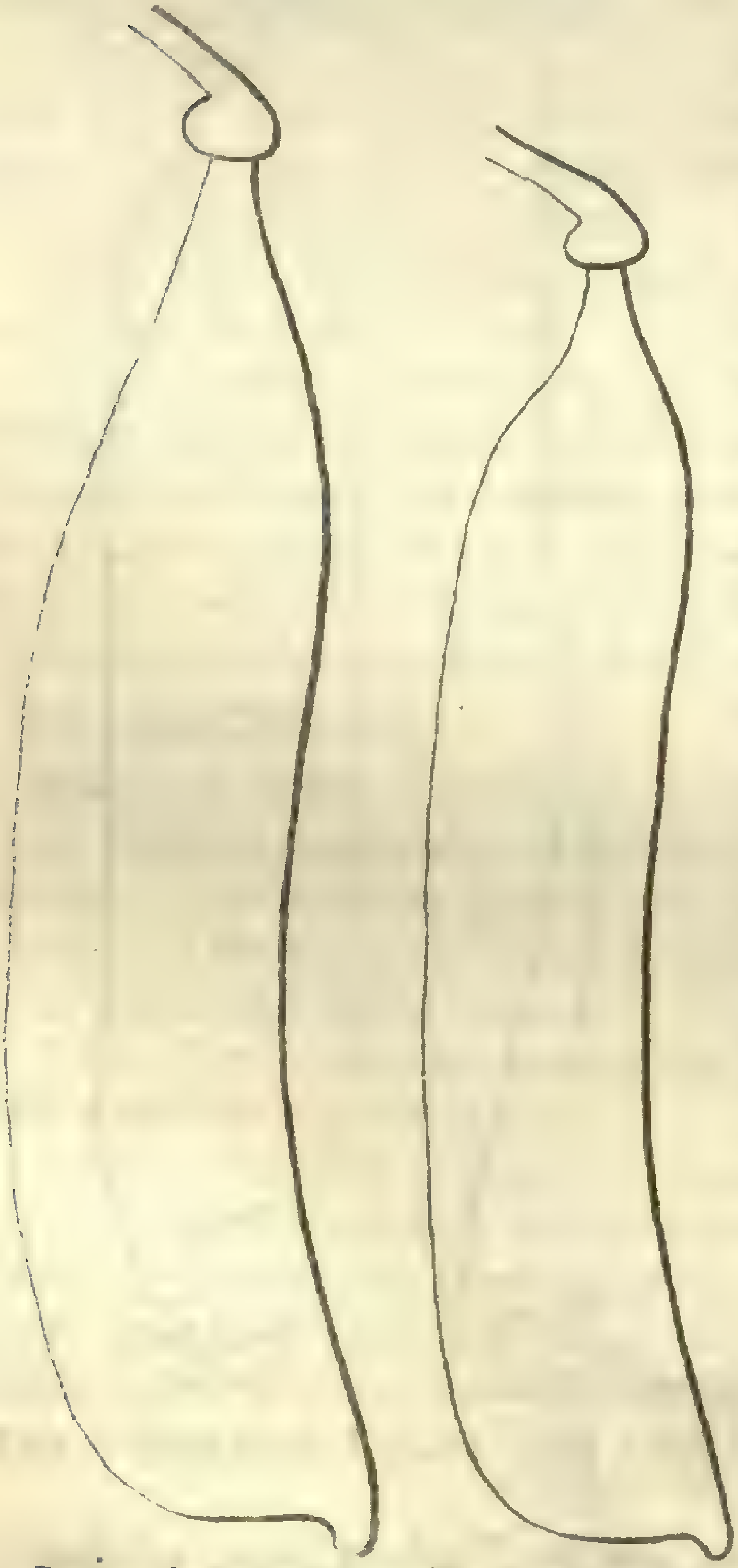
The only distinction between this and Harrison's Perfection is the blue-coloured seed, that of the latter being white: they differ in no other respect, being of the same height, equally productive of pods, which always fill very badly, and both come into use at the same time.

37. **Burbidge's Eclipse** . . NOBLE COOPER & BOLTON.
SYN: *Stubbs' Dwarf.*

The plant is a dwarf but robust grower, from 18 inches to 2 feet high. The foliage is dark-green, slightly blotched. The stem is always simple, and produces from 10 to 12 pods, which are generally in pairs, rarely single. They contain from 5 to 6 peas, which are of good size, and closely packed. The ripe seed is large, uneven, oval, and of a blue colour.

Sown February 19th; bloomed June 13th; slatted June 25th; and fit for use July 13th.

This is the dwarfest of all the blue peas, and is an excellent bearer.



Bedman's Imperial. Flack's Imperial.

38. **Flack's Imperial.**
NOBLE COOPER & BOLTON.
SYN: *Flack's Victory.*
Flack's Victoria.

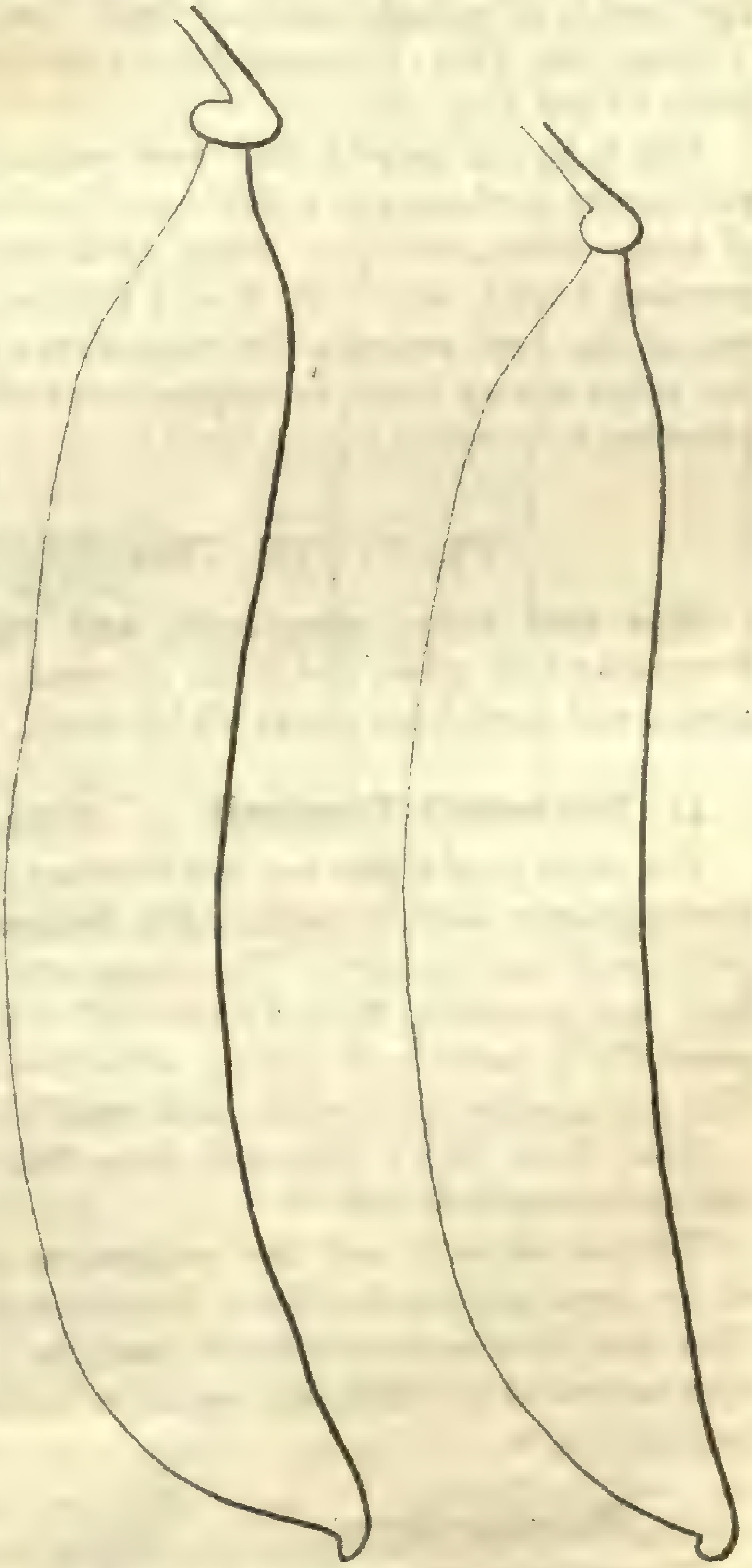
This variety, introduced about 10 or 12 years ago as an improvement on *Bedman's Imperial*, appears now to represent the varieties formerly known as Blue Imperial, and Bedman's Imperial, and deservedly so, for it is the only one of the name really worth growing when true, and it requires careful

selection to keep it so, from its tendency to degenerate into Blue Prussian. The plant is of a robust habit of growth, with a stem which is always branching, and generally about 3 feet high, producing dark green blotched foliage. The pods are from 12 to 18 on a plant, generally in pairs, but frequently single, and contain from 6 to 8 very large peas, which are of an ovate shape, about half an inch long and seven-twentieths broad. The ripe seed is large, irregularly oval, and dark blue.

Sown Feb. 19th; bloomed June 13th; slatted June 26th; and fit for use July 14th.

39. **Banksian Marrow** . Fraser Richardson & Goad.

This is evidently a form of the Scimitar, but with a less curved pod, and partaking a good deal of the character of an Imperial. The plant grows to the same height as both of these, and the pods come into use also at the same time. Though a good sort it is not materially distinct, and does not possess any superior merit.



Blue Scimitar. Banksian Marrow.

40. **Blue Scimitar** . . Noble Cooper & Bolton.

Syn: *Blue Sabre; Scimitar.*

The plant is a strong, robust grower 2½ to 3 feet high,

generally with a simple stem, but sometimes branching, and having dark green blotched foliage. The stem bears from 12 to 18 pods, which are also of a dark green colour, and very much curved and flattened. They are produced generally in pairs, and contain on an average 9 to 10 peas in each. The ripe seed is irregularly oval and dark blue.

Sown Feb. 19th; bloomed June 16th; slatted June 28th; and ready for use July 16th.

This is an old variety, and now very much grown by farmers and market-gardeners as a field crop, for the supply of the markets of large towns, the fine large dark green pods always commanding a ready sale. It is very prolific, and is without doubt one of the best varieties for culture on a large scale; but it is one which is very liable to degenerate, and demands very careful attention to preserve a pure stock.

VI. WHITE KNIGHT'S PEAS.

Ripe seed white, compressed, and wrinkled. Foliage most frequently dark green and much blotched; but occasionally light green, and slightly or not at all blotched.

41. **Fairbeard's Nonpareil** . NOBLE COOPER & BOLTON.

The plant is of a free but not vigorous growth, resembling the Early Frames, both in habit and in foliage, the latter being light green, and not blotched. The stems are branching, 3½ to 4 feet high, and producing 12 to 14 very full and plump pods, which are generally in pairs, and contain 6 to 8 very closely-packed peas. The ripe seed is small, white, and wrinkled.

Sown Feb. 19th; bloomed June 14th; slatted June 25th; and fit for use July 6th.

This is an early and very productive pea, and comes into use at the same time as the Early Frames and the Early Ringwood. The peas, however, are small, and as a wrinkled variety it is now surpassed by Advancer, which is earlier, and produces larger pods and peas.

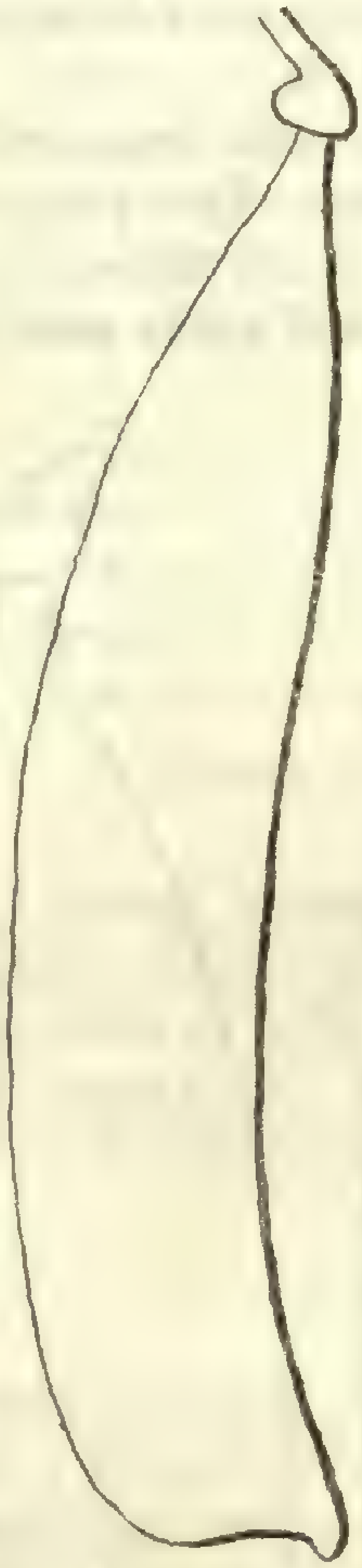
42. **Monsieur Soyer** . . . . . . TURNER.

The plant is not a strong grower, and produces a simple stem 2 to 2½ feet high, bearing from 10 to 12 pods, which are single and double in about equal proportions. Foliage deep-green, and much blotched. This season the pods filled very unequally, and

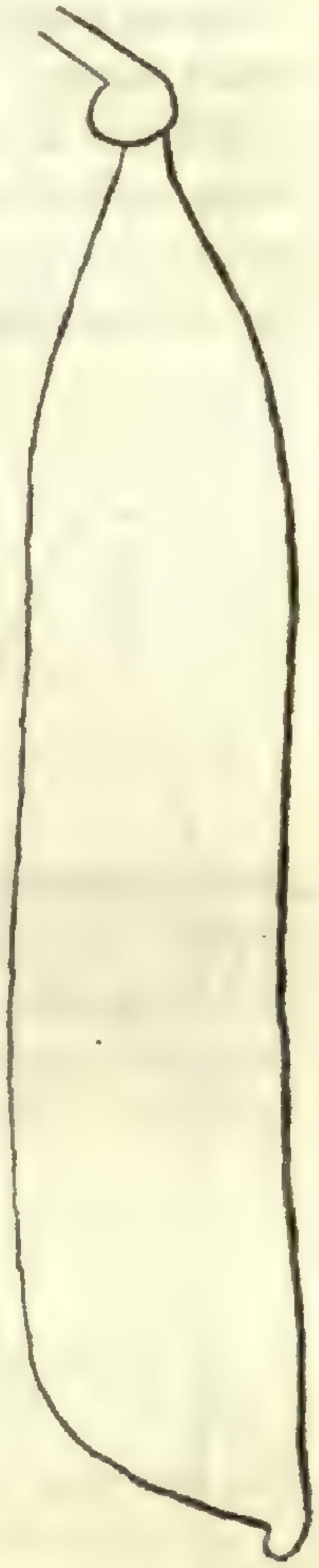
rarely contained more than 4 or 5 perfect peas; all the others being abortive or imperfectly developed. Ripe seed white and wrinkled.

Sown Feb. 19th; bloomed May 29th; slatted June 16th; and ready for use July 10th.

This is decidedly a tender variety and ill-suited for such a season as the past; but it has all the character of an excellent sort, being very productive of pods, and the earliest of all the dwarf white wrinkled peas. In a warmer season it would doubtless prove a desirable second early in the wrinkled class, to come in after Advancer. It was raised by Dr. Maclean, of Colchester.



Fairbeard's Nonpareil.



Monsieur Soyer.

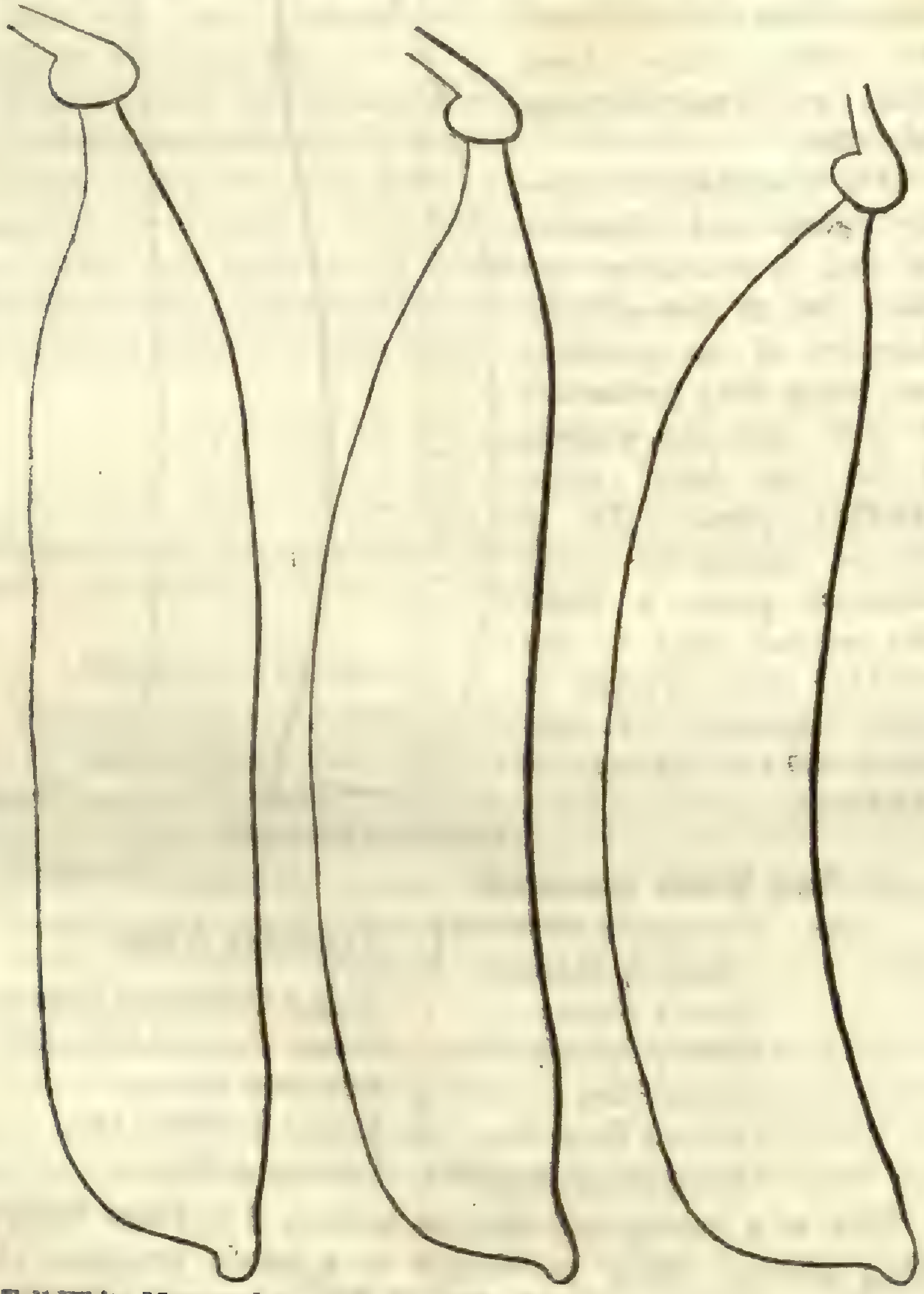
43. **Tall White Mammoth.**

SYN: *Flanagan's Imperial* / *Norfolk Marrow.*	FLANAGAN & SON.
Green's Superb . .	NOBLE COOPER & BOLTON.
Ward's Incomparable .	NOBLE COOPER & BOLTON.
Oxford Tom . .	SUTTON & SONS.
Cotton's Leviathan .	HURST & M'MULLEN.
Champion of Scotland	LAWSON & SON.

This is a strong and vigorous grower, 6 to 7 feet high, and when planted thinly produces 3 or 4 lateral branches, which are almost as long and productive as the main stem. The foliage is very much blotched. The pods are from 12 to 24 on a plant, and are generally in pairs, of a bright green colour, containing on an average 7 very large peas, which are over half an inch in diameter. The ripe seed is white and wrinkled.

Sown Feb. 19th ; bloomed June 19th ; slatted June 28th ; and ready for use July 14th.

This is a very valuable pea, producing an abundance of very large well-filled pods. The plant continues growing, blooming, and podding, and it is not unusual in mild seasons to find it supplying an excellent dish of green peas as late as Christmas.



Tall White Mammoth. Maclean's Prolific. Alliance.

44. **Maclean's Prolific** . . . . . TURNER.

The plant is a free and rather vigorous grower, 2½ to 3 feet high, and with dark green foliage, which is very much blotched.

The stem is simple and produces 9 to 12 pods, which are generally in pairs, and were this season very unequally filled. They mostly contained from 5 to 6 well developed peas, all the others being either abortive or only partly grown. The ripe seed is white and wrinkled.

Sown Feb. 19th; bloomed June 15th; slatted June 26th; and ready for use July 15th.

It will be seen that although this bloomed 4 days earlier than Tall White Mammoth, and was slatted 2 days earlier, it was not fit for use till the day after that variety was ready for gathering. In all probability had the season been warmer this would have proved itself an earlier and much more productive sort.

45. **Alliance** . . . NOBLE COOPER & BOLTON.
SYN: *Eugénie.*

Plant with a free habit of growth, having a succulent stem, and rather light green blotched foliage. The stem is simple, 3 feet high, and produces from 12 to 16 pods, which are generally in pairs, and are produced at every joint. They are not well-filled, and contain only 5 to 6 good-sized peas in each. The ripe seed is white and wrinkled.

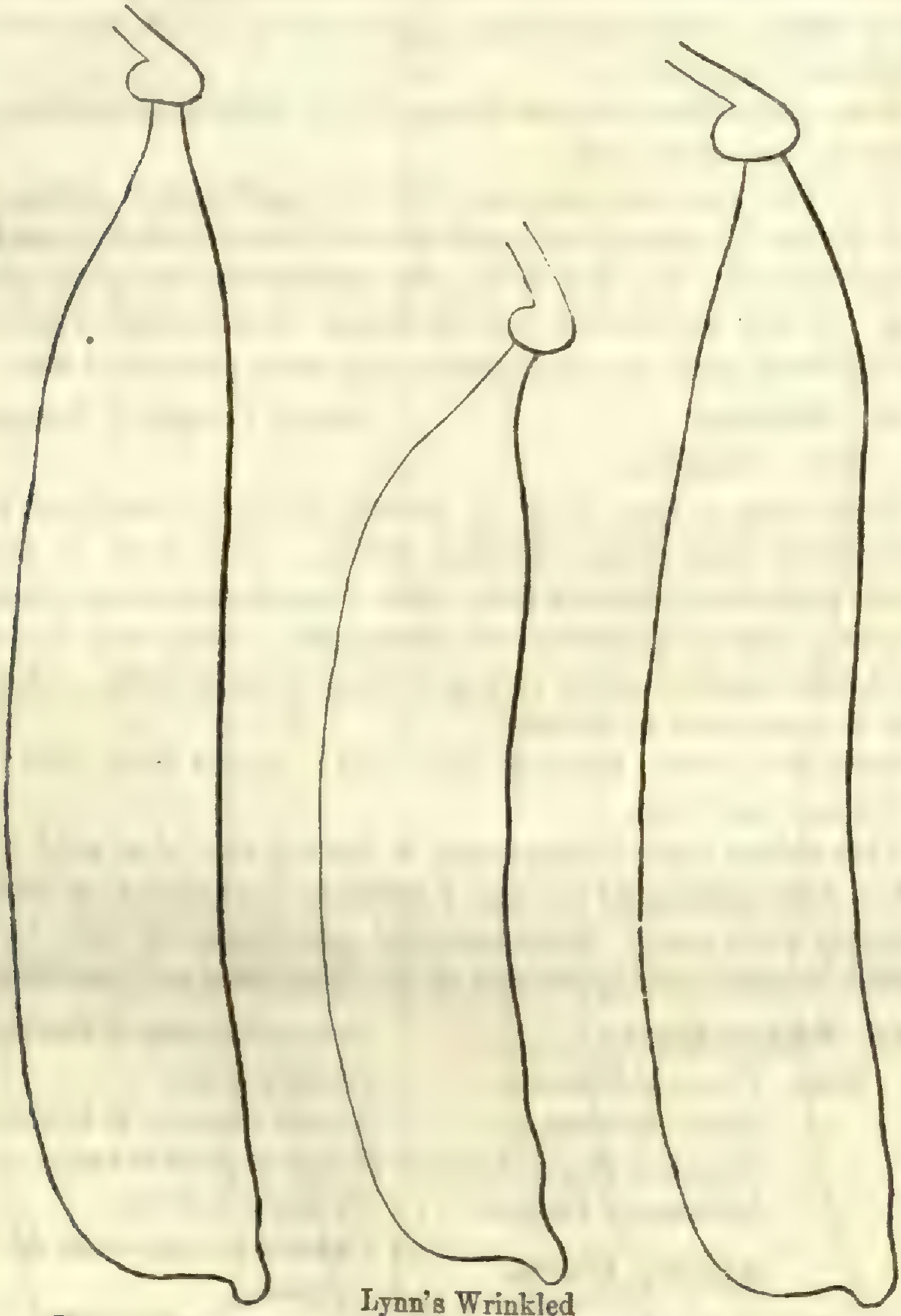
Sown Feb. 19th; bloomed May 29th; slatted June 16th; and fit for use July 16th.

This differs from Climax, only in having the ripe seed white. When first introduced it was a valuable acquisition as being a tolerably early dwarf white wrinkled pea, but it is now far surpassed in every way by several of Dr. Maclean's new varieties.

46. **British Queen** . . NOBLE COOPER & BOLTON.
SYN: *Carter's Victoria* . CARTER & CO.
Great Britain . . NOBLE COOPER & BOLTON.
Thorne's Royal Britain HURST & M'MULLEN.
Rollisson's Victoria . NUTTING & SONS.
Shanley Marrow FRASER RICHARDSON & GOAD.

This is a free and robust grower, 6 to 7 feet high. The stem is generally single, but also sometimes branched when the seed has been sown thin, and then it is furnished with 2 or 3 laterals which are the same height as the main stem. The pods are generally single, but occasionally in pairs, and are to the number of 13 to 18 on a plant; they contain 5 to 7 very large peas, some of which are more than half an inch in diameter. The ripe seed is white and wrinkled.

Sown Feb. 19th; bloomed June 20th; slatted June 30th; and fit to be gathered July 16th.



British Queen. Lynn's Wrinkled Marrow. Ne Plus Ultra.

British Queen is now an established variety, and justly esteemed as one of the best and most productive of the tall wrinkled marrows. On a well branched plant I have counted as many as 31 pods of all kinds, including those full grown and those just formed; and in a mild autumn it is not unusual for it to continue growing, blooming, and podding as late as Christmas. I do not see any material difference between this and Tall White

Mammoth, with the exception that the latter is two days earlier; the plants are exactly similar in habit, and are equally productive.

47. **Lynn's Wrinkled Marrow** . . NUTTING & SONS.

The plant is a robust grower, 3 feet high, and with dark green and much blotched foliage. The stem is simple, producing from 12 to 14 pods, which are in pairs, and contain from 6 to 8 peas in each. The ripe seed is white, wrinkled, and with a black hilum, like the Egg Pea.

Sown Feb. 19th; bloomed June 28th; slatted July 6th; and ready for use July 22nd.

This is a very hardy variety, and as such is grown rather extensively in the neighbourhood of some of the manufacturing towns in the north; but it is not a desirable sort.

48. **Knight's Dwarf White** . NOBLE COOPER & BOLTON.

The plant is a strong grower, 2½ to 3 feet high. The stem is much branched, and the foliage deep green, and much blotched. The pods are produced in pairs, and are from 12 to 16 on a plant, containing 6 to 7 large peas in each. The ripe seed is white and wrinkled.

Sown Feb. 19th; bloomed July 1; slatted July 9th; and fit to gather July 24th.

49. **Knight's Tall White** . NOBLE COOPER & BOLTON.

This is a strong and robust grower, 6 to 7 feet high. The stem is much branched, and keeps on growing and producing pods till late in the season The foliage is dark green and much blotched. The pods are produced in pairs to the number of 12 to 18 on a plant, and they contain from 7 to 8 peas in each, which are very closely compressed. The ripe seed is white and wrinkled.

Sown Feb. 19th; bloomed July 1st; slatted July 9th; and fit for gathering July 24th.

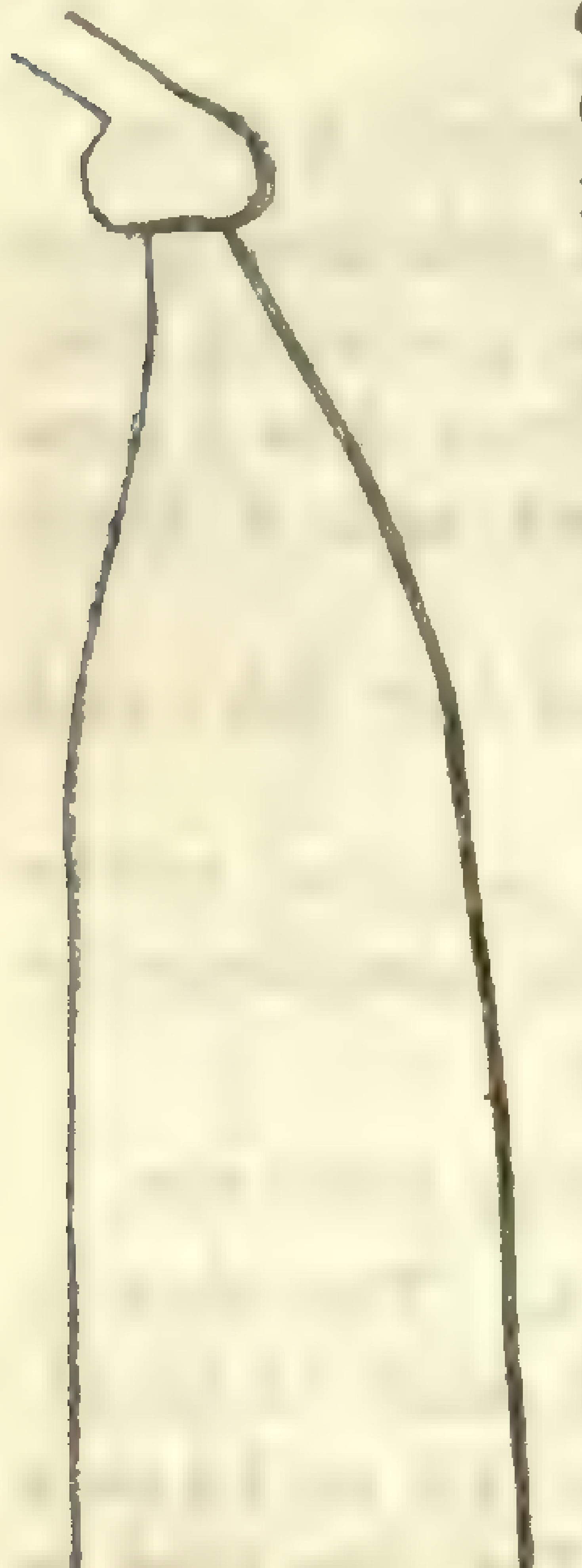
VII. GREEN MARROW KNIGHT'S PEAS.

Ripe seed mixed white and olive. Foliage dark green and blotched. Pods dark dull green, very glaucous.

50. **Ne Plus Ultra** . . NOBLE COOPER & BOLTON.
SYN: *Jeyes' Conqueror* . . . NUTTING & SONS.
Payne's Conqueror . . HURST & M'MULLEN.

This is of a strong and robust habit of growth, 6 to 7 feet high,

and with a branching stem and dark green blotched foliage. The pods are from 12 to 18 on each plant, mostly in pairs, and contain 7 very large peas, which are of a dark dull green colour, like those of the Green Marrows. The ripe seed is mixed white and olive.



General Wyndham.

Sown Feb. 19th; bloomed June 16th; slatted June 26th; and fit for gathering July 10th.

This is one of the best peas in cultivation, being an abundant bearer, as early as the Early Green Marrow, and having dark-coloured pods and peas similar to those of that variety.

51. **General Wyndham** . NOBLE COOPER & BOLTON.

SYN: *Buckley's General Wyndham* . HURST & M'MULLEN.

The plant is of a robust habit, 6 to 7 feet high, and frequently branched. The foliage is dark green and blotched. The pods are either single or in pairs, and number from 10 to 14 on each plant. They contain 8 very large peas, which are of the deep dull green colour of the Early Green Marrow. The ripe seed is white and olive mixed.

Sown Feb. 19th; bloomed June 23rd; slatted July 2nd; and fit for use July 20th.

This is a valuable acquisition, and has evidently been raised from Ne plus Ultra; but it is a much more robust grower and produces much larger pods. The plant continues growing, blooming, and podding till very late in the season, and when this is in the full vigour of growth, Ne plus Ultra is ripening off. The peas when cooked are of a fine bright green colour, and unlike those of any other variety.

VIII. GREEN KNIGHT'S PEAS.

Ripe seed green and wrinkled. Foliage dark green and much blotched.

52. **Advancer** . . . . TURNER.

The plant is a free grower, of robust habit, and about 2 feet high, with dark green and blotched foliage. The stem is rather suc-

culent and sometimes branching, producing 12 to 18 pods, which are generally in pairs and contain 8 very large peas, which are closely compressed. The ripe seed is green and wrinkled.

Sown Feb. 19th; bloomed May 30th; slatted June 8th; and ready to gather July 3rd.

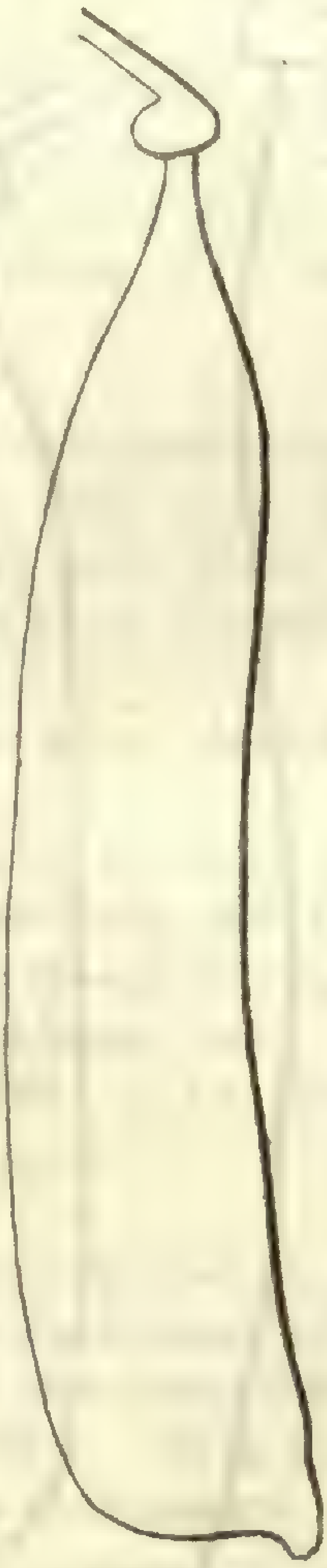
This is one of the most valuable acquisitions that has been obtained of late years. It is in fact a green wrinkled marrow, as early as Early Emperor. It is remarkably productive, the pods fill well, even in such a bad season as the last, and when cooked the peas are most delicious. It was raised by Dr. Maclean of Colchester.

53. **Mignon** . . TURNER.

The plant is very dwarf, about 15 or 18 inches high, with dark green and blotched foliage. The pods are produced in pairs at almost every joint, and are from 10 to 12 on a plant. They contain from 6 to 7 peas in each. The ripe seed is green and wrinkled.

Sown Feb. 19th; bloomed May 28th; slatted June 12th; and ready to gather June 3rd.

This is a very abundant bearer; but the pods are small, and the peas soon become too old for use. It is remarkably early, coming in at the same time, or rather before, Early Emperor. It seems well adapted for forcing, and will be the first wrinkled marrow pea that could be employed for that purpose.


Advancer.

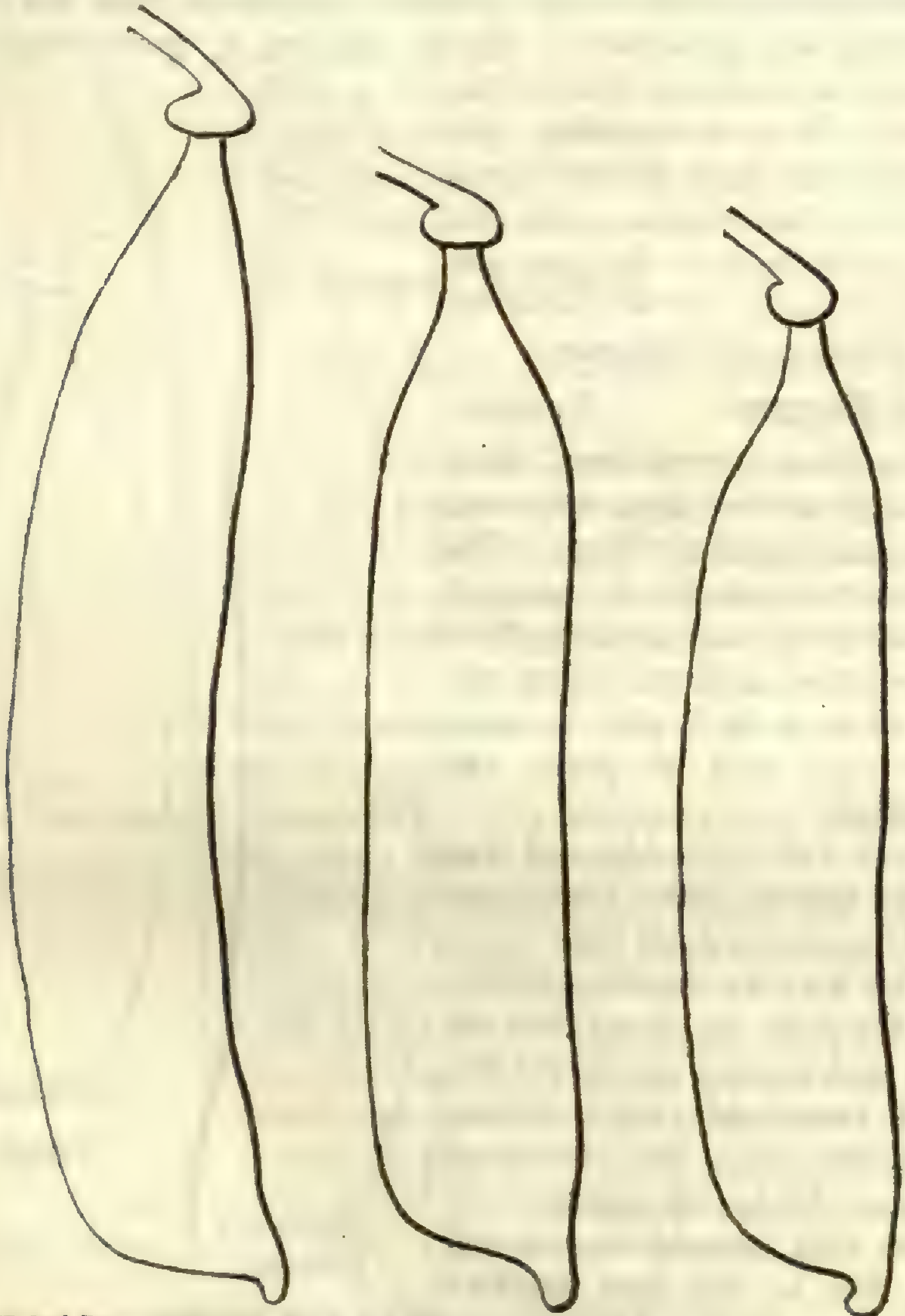
Mignon.

54. **Champion of England** . . JAMES VEITCH, JUN.

The plant is of a strong and luxuriant habit of growth, with a stem from 6 to 7 feet high, which is generally simple, but occasionally branched, and having light green foliage which is scarcely blotched. The pods are from 12 to 18 on a plant, and are

generally single, but frequently in pairs, and contain 7 to 9 very large peas closely compressed. Ripe seed pale green and wrinkled.

Sown Feb. 19th; bloomed June 6th; slatted June 23rd; and ready to gather July 10th.



Hairs' Dwarf Mammoth. Epicurean. Sea Green.

This valuable pea is now too well known to require any commendatory remarks. It and Fairbeard's Surprise originated in the same pod, the latter being a round and the Champion of England a wrinkled-seeded variety. When sown both varieties preserved their distinctive characters.

55. **Hairs' Dwarf Mammoth** . NOBLE COOPER & BOLTON.

The plant is of a stout and robust habit, with a succulent stem $2\frac{1}{2}$ to 3 feet high, which is sometimes branching. The foliage is dark green and blotched. The pods are produced in pairs, and are from 12 to 16 on a plant. They contain 7 large closely compressed peas. The ripe seed is green and wrinkled.

Sown Feb. 19th; bloomed May 28th; slatted June 13th; and fit for use July 10th.

This is an excellent dwarf green marrow, an improvement on Dwarf Green Knight's, than which it has a much larger pod, and is about a fortnight earlier. It is an abundant bearer, and seems of a hardier constitution than others of the same race.

56. **Epicurean** . . . . TURNER.

The plant is a free grower, with a succulent stem 2 feet high, and dark green and blotched foliage. The stem is occasionally branched and produces from 12 to 16 pods, which are generally in pairs, and contain 7 peas, of which about 5 come to maturity. The ripe seed is green and wrinkled.

Sown Feb. 19th; bloomed May 30th; slatted June 13th; and fit for use July 12th.

This is a tender variety, and seemed to suffer from the past cold season, for it filled slowly and unequally, and the generality of the pods were much distorted. Although it bloomed on the same day as Advancer, it took 9 days longer than that variety to fully develope its pods. This was raised by Dr. Maclean.

57. **Sea Green** . . . . TURNER.

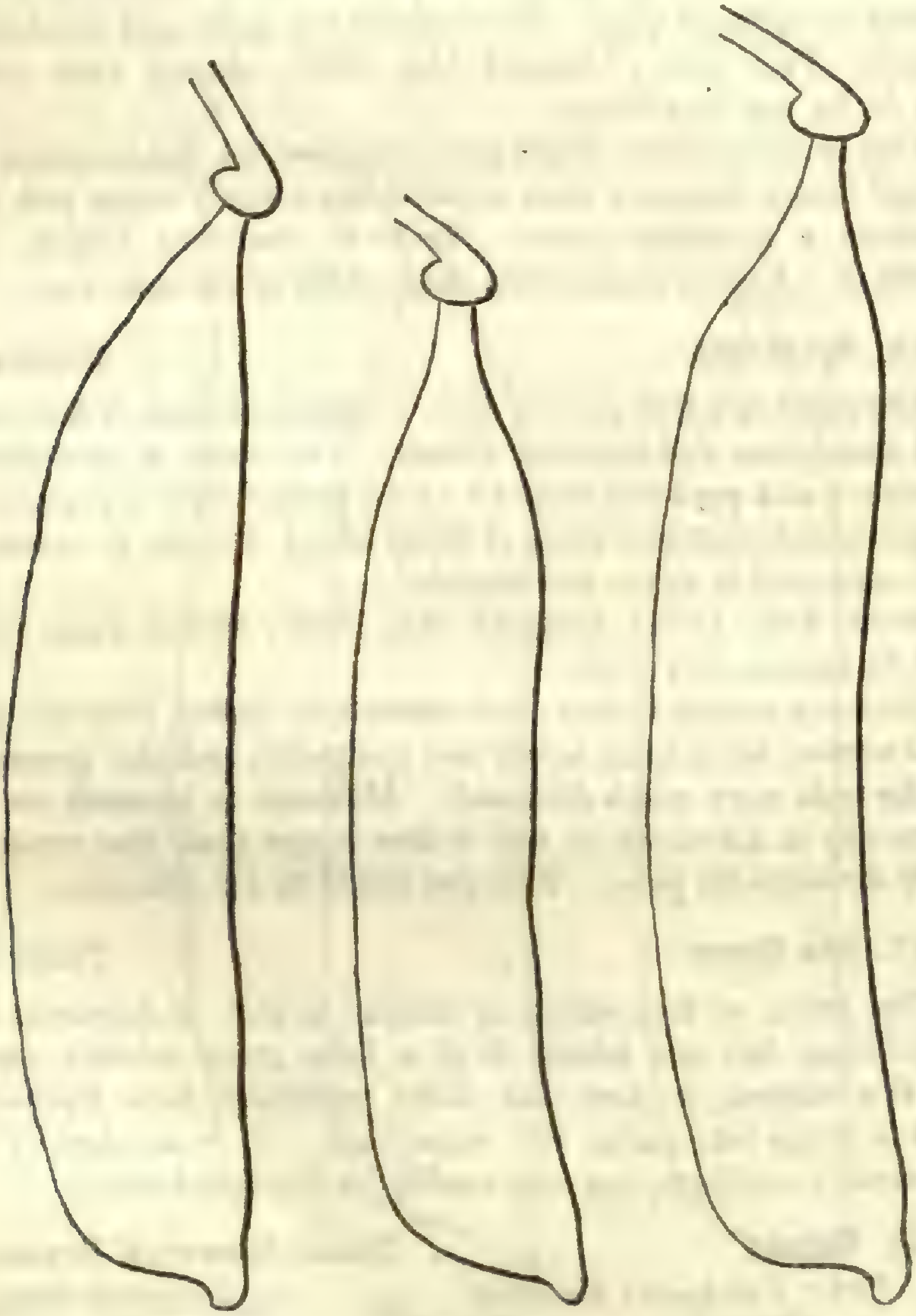
The habit of this variety is similar to that of Advancer and Epicurean, but the foliage is of a light green colour; except in this respect, it does not differ materially from Epicurean, and it comes into use at the same time. It is another of Dr. Maclean's seedlings, but may readily be dispensed with.

58. **Climax** . . . NOBLE COOPER & BOLTON.
SYN: *Fairhead's Excelsior* . . SUTTON & SONS.
Napoléon

The plant is of strong and robust habit, 3 to $3\frac{1}{2}$ feet high, unbranched. Foliage rather light green and blotched. The pods, which are from 13 to 19 on a plant, generally in pairs, fill very badly, rarely containing more than 4 or 6 fully developed peas, the others being abortive. Ripe seed green and wrinkled.

Sown Feb. 19th; bloomed May 26th; slatted June 13th; ready for use July 12th.

This produces a great many pods, but they are badly filled. When first introduced it was considered useful on account of its earliness, but now it is not worth growing.



Climax. Essex Rival. Lord Raglan.

59. Essex Rival . . . . . . Turner.

This also in its habit of growth bears considerable resemblance to Advancer and Epicurean, but is more hardy than the latter. It is 10 days later than Advancer, and a day or two

later than Epicurean, and is a superior variety to Climax, which ripens at the same time. As a dwarf second early green wrinkled pea it is an acquisition, and ought to be retained in cultivation. It is one of Dr. Maclean's seedlings.

60. **Lord Raglan** . . . NOBLE COOPER & BOLTON.

Plant with a robust habit of growth, 3 feet high, and not branching. Foliage dark green and blotched. The pods are produced in pairs, from 12 to 16 on a plant, and contain from 5 to 7 peas in each. The ripe seed is green and wrinkled.

Sown Feb. 19th; bloomed June 10th; slatted June 21st; and ready to gather July 12th.

This is of the same race as Hairs' Dwarf Mammoth and Veitch's Perfection, but is later by 2 or 3 days than the former, and 3 or 4 days earlier than the latter. It does not fill so well as either of these varieties.

61. **Veitch's Perfection** . . JAMES VEITCH, JUN.

The plant is very robust in its habit, and produces a succulent stem 3 feet high; foliage dark green, and only slightly blotched. The pods are generally in pairs, of a large size, and from 10 to 14 on a plant. They contain from 7 to 8 very large peas, which are closely compressed. The ripe seed is large, green, and wrinkled.

Sown Feb. 19th; bloomed June 13th; slatted June 26th; and ready to gather July 16th.

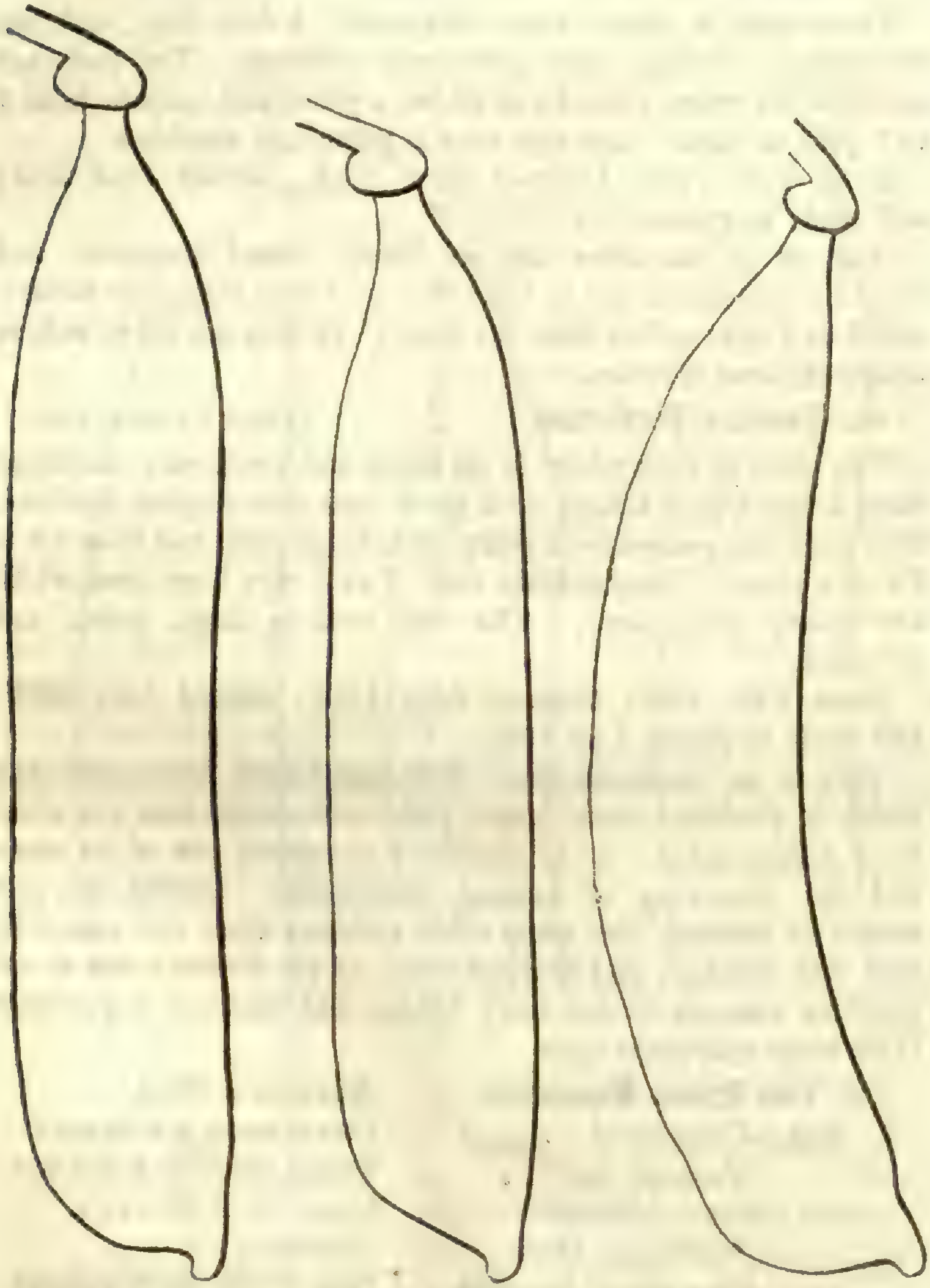
This is an improved form of Hairs' Dwarf Mammoth, than which it produces much larger pods, and comes into use about 6 or 8 days later. It is decidedly the finest pea of its class, and one deserving of general cultivation. During the past season it suffered like many other varieties from the unusually cold wet weather, and dropped many of its blooms; but in the previous summer it set every bloom, and matured a profusion of its large well-filled pods.

62. **Tall Green Mammoth.** . NUTTING & SONS.
SYN: *Competitor* . . . CHARLWOOD & CUMMINS.
Monarch . . . NOBLE COOPER & BOLTON.
Epps' Monarch . . HURST & M'MULLEN.
Strathmore Hero . . CARTER & CO.
King of the Marrows NOBLE COOPER & BOLTON.
Waite's King of the Marrows . SUTTON & SONS.

The plant is a strong and vigorous grower, with a thick succu-

lent stem 6 to 8 feet high, and branched. Foliage dark green and blotched. The pods are produced in pairs, and are from 12 to 16 on a plant. Ripe seed large, green, and wrinkled.

Sown Feb. 19th; bloomed June 13th; slatted July 1st; and ready to gather July 20th.



Veitch's Perfection. Tall Green Mammoth. Knight's Dwarf Green.

63. **Knight's Dwarf Green** . NOBLE COOPER & BOLTON.

Plant a free and healthy grower, with a branching stem 3 feet

high, and very dark green blotched foliage. The pods are produced generally in pairs, and are from 10 to 12 on a plant, containing 7 good-sized peas. Ripe seed green and wrinkled.

Sown Feb. 19th; bloomed June 22nd; slatted July 2nd; and ready to gather July 28th.

This is the latest of all the varieties. On the 6th of August it was in full bearing and quite green, while every other sort had either ripened off or was fast approaching the condition of ripeness.

Synoptical Arrangement of the Varieties of Peas, with the Dates on which they were ready for gathering.

I. FRAMES.

Dillistone's Early	June 22nd
Sangster's No. 1	,, 29th
Early Emperor	July 3rd
Danecroft Rival	,, 3rd
Tom Thumb	,, 3rd
Telegraph	,, 5th
Early Ringwood	,, 6th
Early Frame	,, 7th
Dickson's Favourite	,, 7th
Bishop's Long-podded	,, 9th
Auvergne	,, 10th
Shilling's Grotto	,, 10th
Royal Dwarf	,, 13th
Victoria Branching	,, 16th

II. MARROWS.

Champion of Paris	July 5th
Harrison's Perfection	,, 7th
Thurston's Reliance	,, 10th
Queen of Dwarfs	,, 10th
November Prolific	,, 11th
Egg	,, 12th
Victoria Marrow	,, 13th
Danecroft Prolific	,, 20th
Princess Royal	,, 20th

III. GREEN MARROWS.

Prize-taker	July 6th
Early Green Marrow	,, 10th
Matchless Marrow	,, 13th
Garbutt's Amazon	,, 20th
Sutton's Berkshire Hero	,, 25th

IV. PRUSSIANS.

Groom's Superb	July 14th
Woodford Marrow	,, 14th
Batt's Wonder	,, 16th
Blue Prussian	,, 16th

V. IMPERIALS.

Fairbeard's Surprise	July 9th
Harrison's Glory	,, 12th
Burbidge's Eclipse	,, 13th
Flack's Imperial	,, 14th
Banksian Marrow	,, 14th
Scimitar	,, 16th

VI. WHITE KNIGHT'S.

Fairbeard's Nonpareil	July 6th
Monsieur Soyer	,, 10th
Tall White Mammoth	,, 14th
Maclean's Prolific	,, 15th
Alliance	,, 16th
British Queen	,, 16th
Lynn's Wrinkled Marrow	,, 22nd
Knight's Dwarf White	,, 24th
Knight's Tall White	,, 24th

VII. GREEN MARROW KNIGHT'S.

Ne Plus Ultra	July 10th
General Wyndham	,, 20th

VIII. GREEN KNIGHT'S.

Advancer	July 3rd
Mignon	,, 3rd
Champion of England	,, 10th
Hairs' Dwarf Mammoth	,, 10th
Epicurean	,, 12th
Sea Green	,, 12th
Lord Raglan	,, 12th
Climax	,, 13th
Essex Rival	,, 13th
Veitch's Perfection	,, 16th
Tall Green Mammoth	,, 20th
Knight's Dwarf Green	,, 28th

The Varieties of Garden Peas, arranged in the Order in which they come into Use, showing their comparative Earliness.

Dillistone's Early	June 22nd	Sea Green	
Sangster's No. 1	,, 29th	Climax	July 12th
Early Emperor		Lord Raglan	
Danecroft Rival		Royal Dwarf	
Tom Thumb	July 3rd	Victoria Marrow	
Advancer		Matchless Marrow	July 13th
Mignon		Burbidge's Eclipse	
Telegraph	July 5th	Essex Rival	
Champion of Paris		Woodford Marrow	
Early Ringwood		Groom's Superb	
Prize-taker	July 6th	Flack's Imperial	July 14th
Fairbeard's Nonpareil		Banksian Marrow	
Early Frame		Tall White Mammoth	
Dickson's Favourite	July 7th	Maclean's Prolific	July 15th
Harrison's Perfection		Victoria Branching	
Bishop's Long-podded	July 9th	Batt's Wonder	
Fairbeard's Surprise		Scimitar	July 16th
Auvergne		Alliance	
Thurston's Reliance		British Queen	
Shilling's Grotto		Veitch's Perfection	
Queen of Dwarfs		Danecroft Prolific	
Early Green Marrow	July 10th	Princess Royal	
Monsieur Soyer		Garbutt's Amazon	July 20th
Hairs' Dwarf Mammoth		General Wyndham	
Champion of England		Sutton's Berkshire Hero	
Ne Plus Ultra		Tall Green Mammoth	
November Prolific	July 11th	Lynn's Wrinkled Marrow	July 22nd
Egg		Knight's Dwarf White	July 24th
Harrison's Glory	July 12th	Knight's Tall White	
Epicurean		Knight's Dwarf Green	July 28th

Index to the Varieties and their Synonyms.

NOTE.—The numbers are those prefixed to the varieties in the preceding descriptions. The synonyms are indicated by italics.

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Bedman's Imperial, 38.
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Bishop's Improved, 12.
Bishop's Long-podded, 12.
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Blue Fan, 31.
Blue Prussian, 34.
Blue Sabre, 40.
Blue Scimitar, 40.
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Buckley's General Wyndham, 51.
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Danecroft Rival, 5.
Daniel O'Rourke, 2.
Denyer's Early Prolific Green Marrow, 29.
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Dwarf Green Marrow, 27.
Dwarf Prolific, 15.
Early Emperor, 4.
Early Frame, 9.
Early Green Marrow, 27.
Early Kent, 3.
Early May, 3.
Early Ringwood, 8.
Early Sebastopol, 4.
Early Warwick, 10.
Early Washington, 2.

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Flack's Imperial, 38.
Flack's Victoria, 38.
Flack's Victory, 38.
Flanagan's Early, 8.
Flanagan's Imperial Norfolk Marrow, 43.
Garbutt's Amazon, 29.
General Wyndham, 51.
Giant Marrow, 24.
Gibbs' Defiance, 24.
Girling's Pea, 5.
Glass Pea, 5.
Great Britain, 46.
Green's Superb, 43.
Groom's Superb, 31.
Hairs' Dwarf Mammoth, 55.
Harrison's Glory, 36.
Harrison's Perfection, 19.
Isherwood's Railway, 2.
Jeyes' Conqueror, 50.
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Knight's Dwarf White, 48.
Knight's Excelsior, 18.
Knight's Tall White, 49.
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Maclean's Prolific, 44.
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Paradise Marrow, 18.
Paul's Early Dwarf, 16.
Paul's Prolific, 16.
Payne's Conqueror, 50.
Poor Man's Profit, 15.
Prince Albert, 3.
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Prize-taker, 26.
Prize-taker Green Marrow, 26.
Queen of Dwarfs, 21.
Race Horse, 10.
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Rising Sun, 26.
Rollisson's Victoria, 46.
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Sangster's No. 1, 2.
Scimitar, 40.
Sea Green, 57.
Shanley Marrow, 46.
Shilling's Grotto, 14.
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Stuart's Paradise, 18.
Stubbs' Dwarf, 37.
Sutton's Berkshire Hero, 30.
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Victoria Branching, 16.
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Waite's King of the Marrows, 62.
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Wellington, 24.
White Prussian, 15.
White Sabre, 13.
White Scimitar, 13.
Wonder, 11.
Woodford Marrow, 32.

LII.—REPORT ON VARIEGATED BEGONIAS,

GROWN AT CHISWICK, 1860.

By THOMAS MOORE, F.L.S., F.R.H.S., *Secretary to the Floral Committee.*

The remarkably showy race of dwarf Begonias, having the leaves marked with elegant variegations, had become so much extended by the production of seminal varieties since the introduction of *B. Rex*, that attention was very early directed by the Committee to the collecting of as many of these varieties as could be readily procured, in order that their respective merits in an ornamental point of view might be determined by direct comparison. For this purpose about 40 varieties were obtained in the spring of 1860, and of these 36 are described in the following memoranda, the remainder having either died or been too imperfectly developed to admit of their true character being seen.

This extensive collection was liberally contributed for the purposes of the Committee by the following gentlemen, namely: Messrs. ROLLISSON & SONS of Tooting, Mr. VEITCH of Chelsea, Messrs. E. G. HENDERSON & SON of St. John's Wood, and Messrs. LOW & Co. of Clapton.

The following classification of the varieties may assist in the identification of them:—

Ser. i. ARGENTEÆ. *Upper surface of the leaves wholly silvered, not zonate or vittate.*

1. B. argentea.

Ser. ii. ZONATÆ. *Upper surface of the leaves marked with distinct colours, in a zonate manner.*

§ 1. *Leaves smallish, with bright silver zone.*

2. B. Griffithii
3. B. argentea guttata
4. B. Madame Wagner
5. B. Regina
6. B. amabilis

§ 2. *Leaves large, with bright silver zone.*

7. B. Marshallii
8. B. Madame Allwardt
9. B. Rex
10. B. Rex Leopardina
11. B. marginata
12. B. Cloth of Silver

§3. *Leaves large, flushed with red, silver or green-zoned; hairy beneath.*

13. B. Queen Victoria
14. B. grandis
15. B. Urania
16. B. virginata
17. B. Rollissonii
18. B. nebulosa
19. B. rubra marginata
20. B. Queen of England
21. B. Isis

§4. *Leaves wholly green and red.*

22. B. Royleana
23. B. Roi Leopold
24. B. Prince Troubetskoi

Ser. iii. VITTATÆ. *Upper surface of the leaves marked with silvery or other coloured bands or stripes, not zonate.*

§1. *Leaves obliquely ovate.*

25. B. picta
26. B. miranda
27. B. xanthina Reichenheimii
28. B. xanthina marmorata
29. B. xanthina argentea
30. B. Victoria
31. B. splendida argentea
32. B. splendida imperialis
33. B. splendida guttata
34. B. vittata
35. B. Thwaitesii

§2. *Leaves palmately lobed.*

36. B. ricinifolia maculata.

The plants, which were under the care of Mr. Eyles, were grown to a moderate size under uniform conditions; and on the 2nd of August, when in a well-developed state, were brought under the notice of the Committee. The result of this, and of a subsequent examination was that the following varieties were selected as the best and most distinct in the several groups, the other kinds contained in the collection being thought unnecessary where these were grown; namely:—

In the first group.—B. argentea.

In the second or zonate group.—§1: B. Regina, Madame Wagner, Griffithii; §2: B. Marshallii, Rex, Rex Leopardina; §3: B. Queen of England, nebulosa, Rollissonii; §4: B. Roi Leopold, Royleana.

In the third or vittate group.—§1: B. xanthina Reichenheimii, splendida argentea, Thwaitesii; §2: B. ricinifolia maculata.

The peculiar features of the several kinds are indicated in the following descriptive memoranda:—

Series i. ARGENTEÆ.

1. **B. argentea.**

From Messrs. ROLLISSON & SONS, Mr. VEITCH, and Messrs. LOW & Co. Leaves large, greenish gray, of a satiny texture, looking as if silvered and polished; they are speckled over with fine pencilled zigzag markings of a deeper green, and veined with light red behind. The stalks are purplish, shaggy with white hairs. It is a very distinct sort, remarkably pallid in colour.

Series ii. ZONATÆ.

§1.

2. **B. Griffithii.**

From Messrs. ROLLISSON & SONS, Mr. VEITCH, and Messrs. E. G. HENDERSON & SON. This is a plant of dwarf habit, with medium sized leaves, which are downy on the surface, and have a broad dark opaque green centre, exterior to which is a grayish or silvery zone and a dark green border of nearly equal width; the green becomes rather paler where it joins the gray. The under surface, opposite the green portions of the upper side, is red; and the stalks are pale, red-haired, and downy. This is a pretty, distinct, small-growing kind, of second-rate value.

3. **B. argentea guttata.**

From Mr. VEITCH, Messrs. E. G. HENDERSON & SON, and Messrs. ROLLISSON & SONS. The leaves are of medium size, with a broad dark green centre, which dark green colour passes along the veins in a narrow broken line through the silvered zone, so that it almost comes into the vittate series. The zone is of a clear silvery gray, becoming narrower towards the base of the leaf, and is margined with a green border of about half its own width. The leaves, as is generally the case in these plants, are marked on the under surface with red at those parts which are opposite the green or darker parts of the upper surface. The stalks are red and hairy.

4. **B. Madame Wagner.**

From Messrs. E. G. HENDERSON & SON, Messrs. ROLLISSON SONS, and Mr. VEITCH. This is a very bright-looking variety, of moderate size. The leaves have a dark green centre, forming a tapering-rayed star, which is surrounded by a broad silvery zone,

somewhat broken by the faintly tinted veins, and exterior to this by a narrow veiny or broken green edge marked with red behind. The stalks are red, hairy. It is a very pretty and effective sort, with the surface more silvered than *B. Regina*, and one of the most desirable varieties.

5. **B. Regina.**

From Messrs. Rollisson & Sons. This variety resembles *B. amabilis* in character, but is larger, and was considered superior to it, and a desirable kind. The leaves are of medium size, glossy, with a dark olive-green centre, surrounded by a clear silvery-gray vandyked zone, exterior to which is a dark green border nearly equalling it in width. The leaves are marked with red behind, and have red hairy stalks. The colours of the surface are distinct and well marked, rendering this a desirable sort for cultivation.

6. **B. amabilis.**

From Mr. Veitch. This is a neat dwarf kind, with rather small leaves, of which the central part, extending half way to the margin, is bright green, and the rest of the surface is about equally occupied by a zone of silver-gray and a border of green. The under surface is bright red, and the stalks purplish and downy. It is a desirable small species.

§ 2.

7. **B. Marshallii.**

From Mr. Veitch and Messrs. Rollisson & Sons. This fine variety has large slightly bullate leaves, with the colours of *B. Rex*, but a broader silvered surface. The deep green of the central part radiates in tolerably even lines along the course of the veins, so as to form an irregular star; the zone of silver-gray is vandyked on both edges, and is nearly twice as broad as the green margin, which is blotched and spotted with gray. The leaves are stained with purple behind, and the stalks are purplish and shaggy. It is one of the very best sorts.

8. **B. Madame Allwardt.**

From Messrs. Low & Co. This handsome form bears so very close a resemblance to *B. Marshallii*, which was preferred before it, that both these kinds would not be required in the same collection; and it would not be very material which of the two was chosen.

9. B. Rex.

From Messrs. ROLLISSON & SONS, and Mr. VEITCH. This fine species, the parent of most of the larger zonate varieties now in cultivation, was regarded as being still one of the most ornamental in the group. The leaves are large, somewhat bullate, deep green in the centre, tinged with red while young, the colour in this part scarcely radiate, and surrounded by a vandyked zone of silvery-gray, which in width is about equal to that of the green margin. The colours are definite and effective. The under surface is dull red, marked with red veins on the lighter parts opposite the gray zone, and the stalks are purplish, clothed with shaggy hairs.

10. B. Rex Leopardina.

From Messrs. ROLLISSON & SONS. This variety also bears a very near resemblance to *B. Marshallii*, but has the silvered zone somewhat broader. It was considered one of the most select and desirable ornamental varieties.

11. B. marginata.

From Messrs. ROLLISSON & SONS. The leaves are rather above medium size, and marked in the way of *B. Rex*, but the zone is twice as broad as the border, and the parts are less effectively contrasted in colour. The under surface is veined with red.

12. B. Cloth of Silver.

From Messrs. ROLLISSON & SONS. The leaves of the variety are about the medium size, nearly covered with silvery-gray, having a very small pale green central star formed by a green border to the base of the principal veins, and having also a few broken dark green markings at the edge. The leaves are scarcely bullate, and the under surface is veined with red. It approaches nearly to *B. argentea*, but the marking is obviously zonate.

§ 3.

13. B. Queen Victoria.

From Messrs. LOW & Co., and Mr. VEITCH. The leaves are large, deep red behind, a good deal like those of *B. Queen of England*, but more stained with red; and they are speckled on the dark ground colour of the upper surface. The centre of the leaf consists of a small dark red-green star, speckled with silver; and the border beyond the zone is narrowish, of the same dark red-green colour, dotted as in *B. Queen of England*, and speckled

between the dots. The stalks are shaggy, with red hairs; and the veins are hairy above.

14. B. grandis.

From Messrs. Rollisson & Sons. This was one of the large red-stained series, and bore so close a resemblance to the variety received as *B. Queen of England* as to have been regarded as the same for all practical purposes.

15. B. Urania.

From Messrs. Rollisson & Sons. This variety had leaves above the medium size. The centre which forms a star, and the border, are both of an opaque deep green, and the intermediate zone is of a glossy bronzy green, purplish while young, but when mature of nearly the same tint as that of the centre and margins. The upper surface is sprinkled with red hairs, the under surface purple, and the stalks purplish-red and shaggy. It is rather a dull-coloured plant.

16. B. virginata.

From Messrs. Rollisson & Sons. This variety is in the way of *B. Rollissoni*, but of a lighter colour, intermediate between it and *B. Queen Victoria*. The leaves are large, hairy on the ribs above, their surface principally grayish green, a small dark reddish green star with a speckled surface occupying the centre, while the dark green purple-tinted margin is nearly covered with broken speckled markings. The young leaves are tinged with red. The veins are red behind, and the stalks are shaggy with reddish hairs. The colours of the surface are not so well marked and distinct as in some other varieties.

17. B. Rollissonii.

From Messrs. Rollisson & Sons, and Messrs. Low & Co., also received as *B. grandis* from Messrs. E. G. Henderson & Son. One of the very deep dull purple-stained varieties. The leaves are large, hairy on the veins above, and having the stalks shaggy, purple. The upper surface is of a dark satiny green, with a small central star of deeper red-stained green, and a border of medium width, of the same red or purple-tinged deep green, marked with a few satiny green spots. The under surface is red. It is one of the deepest-coloured among the varieties brought together for comparison, and the best of the deep-coloured series, but is somewhat heavy looking. The red hairs on the stalk are conspicuous.

18. **B. nebulosa.**

From Mr. VEITCH, Messrs. E. G. HENDERSON & SON, and Messrs. LOW & Co. The leaves are large, grayish-green, hairy on the ribs above; their centre is of a dull reddish-green, forming a star with narrow tapered radii, and the border is irregular, moderate in width, of the same dull green, dotted with grayish green; the under surface is red. The whole upper surface, as is the case in the rest of the varieties belonging to this section, is suffused with red. This variety is something in the way of that called *B. Isis*, but is less coarse, and more distinct in character from *B. Queen of England*, ranking therefore among the more desirable kinds of second-class merit.

19. **B. rubra marginata.**

From Messrs. LOW & Co. Leaves large, dull grayish green, with a small star of dark green in the centre, the star speckled with the broken edge of the gray-green zone, and the margin also speckled with the same colour, and strongly tinged with red. The upper surface is hairy on the veins; and the under surface is red. The stalks are red, with shaggy red hairs. This is one of the dull-looking red-stained series, closely resembling that called *B. virginata*.

20. **B. Queen of England.**

From Messrs. ROLLISSON & SONS. This is the finest of the large red-stained varieties. The leaf-stalks are reddish and shaggy. The leaves are hairy on the veins above, and red beneath. The upper surface is of a reddish olive-green in the centre, the colour breaking out into broadish rays, which are more distinct than in *B. Rex*, and broader than in *B. Marshallii*. Beyond this is a broad silvery green intermediate zone, less pure in colour than in the varieties just named; and on the outside a distinct margin of about an inch in width, of the dark green, the marginal portion being dotted with silver in distinct spots, and having a red hair growing in each spot. It is a very ornamental variety, one of the very best of the large sorts for ornamental purposes.

21. **B. Isis.**

From Messrs. ROLLISSON & SONS, Messrs. E. G. HENDERSON & SON, Messrs. LOW & Co., and Mr. VEITCH. A large growing coarse variety of the dull red-stained series. The leaves are of a pale or grayish green, with a narrow red-tinged border, and a

small central star of the same colour running out into narrow rays along the course of the veins, which are hairy on the upper surface, the marginal portion is slightly speckled. The under surface is red, and the stalks are reddish, shaggy with hairs.

§ 4.

22. **B. Royleana.**

From Messrs. Rollisson & Sons. A distinct and pretty plant, in which the back of the leaves is marked with red opposite those parts which are dark-coloured above. The leaves are below the medium size, glabrous and glossy above, downy beneath, angulately lobed, deep olive-green in the centre, with a zone of bright green, and on the outside a narrow broken border of olive green. The stalks are green and downy. It is a dwarf plant, corresponding with *B. Griffithii* in habit, and was adjudged to be one of the first-class sorts.

23. **B. Roi Leopold.**

From Messrs. Low & Co., and Mr. Veitch. This is a distinct and very handsome plant, with a tall erect red stem, and large leaves supported by red stalks which are shaggy with red hairs. The young leaves are also so closely covered with similar hairs, as to appear like crimson velvet. The mature leaves are green, tinged with red along the base of the veins, so as to form a reddish central star, and having a narrow margin of red. The surface is clothed with red spreading hairs, and the leaves are also marked with red beneath. It is a very fine ornamental plant, and was considered to be one of the most desirable kinds in cultivation.

24 **B. Prince Troubetskoi.**

From Mr. Veitch, and Messrs. Rollisson & Sons. Leaves large, deep satiny green, stained with purple at the centre and along a narrowish margin, and marked with red behind. The surface is hairy, and the stalks red, furnished with red spreading hairs. It is a coarser plant than the preceding.

Series iii. Vittatæ.

§ 1.

25. **B. picta.**

From Messrs. Rollisson & Sons, and Mr. Veitch. The leaves of this variety are of medium size, very dark green, marked with obtuse oblong sinuous silvery blotches, not breaking up into

dots. The under surface is barred with red, and the stalks are hairy, of a purplish colour.

26. **B. miranda.**

From Mr. VEITCH, and Messrs. E. G. HENDERSON & SON. This variety somewhat approaches the zonate series. The leaves are of medium size, bullate, with a broad surface of a dark satiny green at the base, this colour running out along the principal veins in tapering radii, so as to separate the silvery zone into broad radiate masses, which are broken up at the margin, and pass into dots; the edge being also marked with more distant silvery dots. The stalks are clothed with red hairs, and the leaves are marked with red behind.

27. **B. xanthina Reichenheimii.**

From Messrs. E. G. HENDERSON & SON, Messrs. ROLLISSON & SONS, and Mr. VEITCH. This variety is one of the best of the vittate series. The leaves are of medium size, red beneath, and in the young state have a reddish tinge suffused over the upper surface. The principal veins are bordered with green, and the spaces between them form radiating bars of silvery green, breaking up into dots at the edges. The stalks are smooth, and of a dull purplish colour.

28. **B. xanthina marmorata.**

From Messrs. E. G. HENDERSON & SON. This plant is taller and more erect than *B. Reichenheimii*, and the leaves, which are medium-sized, have a broader margin of dark green to the veins; they are marked with purple beneath, and have somewhat hairy stalks.

29. **B. xanthina argentea.**

From Messrs. E. G. HENDERSON & SON. This is inferior to the other forms of *B. xanthina*, the markings being of a dull (greenish) colour. The leaves are medium-sized, dull green with yellowish gray-green bars above, and stained with purple beneath. The stalks are slightly hairy.

30. **B. Victoria.**

From Messrs. LOW & CO. The leaves of this variety are above the medium size, red beneath, very dark purplish-green along the course of the veins, and having grayish-green satiny bars between them; the darker parts are speckled over with the

lighter colour. The stalks are shaggy, purplish. It is rather dull in appearance.

31. **B. splendida argentea.**

From Messrs. Rollisson & Sons, and Mr. Veitch. Leaves large, grayish suffused with dull red, having bright green narrow lines radiating from the base along the course of the veins, and forking towards the edge. The under surface is red, and the stalks are clothed with red hairs. This is one of the most distinct and showy of the larger vittate forms, and was considered to be one of the most deserving of cultivation.

32. **B. splendida imperialis.**

From Messrs. E. G. Henderson & Son. This proved to be very similar in character to *B. splendida argentea.*

33. **B. splendida guttata.**

From Mr. Veitch. Leaves large, dark green, red beneath, with red hairy stalks. The surface between the veins is almost covered with dull silvery spots, from one-eighth to one-fourth of an inch in diameter. It is distinct, but too dull-looking to compare with some other kinds.

34. **B. vittata.**

From Messrs. E. G. Henderson & Son. This is rather an effective sort. The leaves are of a dark velvety green, and the spaces between the veins are marked with narrow elongated bars of silvery gray, the markings being broken at the edges. The under surface is red, and the stalks slightly hairy.

35. **B. Thwaitesii.**

From Mr. Veitch. A dwarf growing plant, with dark green purple-stained leaves, marked with blotches of greenish silvery gray, which radiate outwards between the veins. The leaves are purple behind. The upper surface is clothed with bright purple hairs which occur on both the light and dark-coloured parts.

§ ii.

36. **B. ricinifolia maculata.**

From Mr. Veitch. This is a very distinct sort, having palmatifid leaves, which are marked with bright green in irregular bars along the course of the principal veins, the margin being of a very dark bottle green; these colours are somewhat broken

up where they meet. The parts corresponding to the dark portions of the upper surface, are red behind, and the stalks are purple, shaggy. It is a very effective plant, and was adjudged to belong to the first rank in respect of its ornamental qualities.

LIII.—REPORT ON THE HELIOTROPES

GROWN AT CHISWICK IN 1860.

By THOMAS MOORE, F.L.S., F.R.H.S., *Secretary to the Floral Committee.*

The number of varieties of Heliotropes brought together for comparative trial was 23. The plants were presented to the Society by Messrs. E. G. HENDERSON & SON, Messrs. ROLLISSON & SONS, and Messrs. LOW & Co. They were planted out together in a compartment of the experimental flower-garden, where they grew and blossomed freely, and in course of the summer the following brief particulars were noted respecting them. The observations apply only to their condition as grown in the open border.

The different varieties were found to range under six sectional groups, as follows :—

§ 1. Varieties with dark-coloured foliage, and dark purple flowers, and having a free habit of growth. The best kinds in this group were :—*Gloire des Massifs*, *Voltaireanum*, and *Etoile de Marseilles.*

§ 2. Varieties with dark-coloured foliage and flowers as in § 1., but of a more compact and dwarfer habit of growth. The most desirable variety of this character was *La Petite Negresse.*

§ 3. Varieties with intermediate-coloured foliage, and of very dwarf habit: quite a lilliputian. The representative of this group was *Voltaireanum nanum.*

§ 4. Varieties with intermediate-coloured foliage, and reddish-tinted lilac flowers. This group contained some beautiful sorts, namely:—*Miss Nightingale*, *Beauty of the Boudoir*, and *Etoile de Venus.*

5. Varieties with intermediate foliage, and light purple flowers. A desirable kind having these peculiarities, was called *Gem.*

§ 6. Varieties with pale coloured, that is green, foliage, and light or lilac-coloured flowers. The best varieties were:—*Triomphe de Liège*, and *Jean Mesmer.*

§ 1. *Foliage and flowers dark purple; habit free.*

1. H. Gloire des Massifs.

From Messrs. Low & Co., Messrs. Rollisson & Sons, and Messrs. E. G. Henderson & Son. A variety of moderately vigorous habit, somewhat erect in growth; the leaves deeply stained with purple; the flowers freely produced in large compact trusses, and of a dark violet-purple colour. It is an excellent variety, and distinguished in this group by its more erect habit, and its larger flower-trusses.

2. H. Voltaireanum.

From Messrs. E. G. Henderson & Son. An old variety, of moderately vigorous habit, with the foliage very much suffused with purple, and the flowers deep violet-purple in moderate-sized trusses. It is still one of the best dark sorts.

3. H. Marie Pageant.

From Messrs. E. G. Henderson & Son. A variety much resembling *Voltaireanum*, in the foliage and flowers, but of bad habit.

4. H. Roi des Noirs.

From Messrs. E. G. Henderson & Son. This also bore a very near resemblance to *Voltaireanum*, and did not appear to be in any way superior to it.

5. H. Etoile de Marseilles.

From Messrs. E. G. Henderson & Son. A distinct and desirable variety, the colour of the flowers being different from that of other kinds. It is moderately vigorous in habit, and has very dark purple-stained leaves. The flowers are borne in medium-sized trusses, and are of a deep pucy purple. It was considered a variety worth commending, its pucy-purple colour being dissimilar from that of other purple-flowered sorts.

§ 2. *Foliage and flowers dark purple; habit dwarf.*

6. H. Roi des Naines.

From Messrs. Rollisson & Sons, and Messrs. Low & Co. A variety of moderately vigorous, but compact habit, with dark

stained foliage, and medium-sized compactly-formed flower-trusses, the flowers being individually large in size, and of a dark purple colour.

7. **H. La Petite Negresse.**

From Messrs. ROLLISSON & SONS. A variety of dwarf compact habit, with dark purple-stained foliage, and small close compact trusses of deep violet-purple flowers. It is the most marked and desirable variety of this section.

8. **H. Prémices.**

From Messrs. E. G. HENDERSON & SON. This is a very dwarf and distinct compact-growing Heliotrope, with dark-coloured leaves, and neat purple flowers, growing in compact trusses of small size. It is rather a desirable variety.

§ 3. *Foliage intermediate ; flowers dark ; habit very dwarf.*

9. **H. Voltaireanum nanum.**

From Messrs. E. G. HENDERSON & SON. A remarkably dwarf and compact-growing variety, a lilliputian in stature. The leaves are small and intermediate as to colour, between those of the green-leaved and the purple-leaved sorts, being but faintly tinged with purple. The flowers grow in small compact trusses, and are purple, with a white eye. The plant is a little gem amongst Heliotropes, being not more than 2-3 inches high. This variety is of continental origin, and was distributed a few years since by the Messrs. HENDERSON.

§ 4. *Foliage intermediate ; flowers reddish or purplish-lilac.*

10. **H. Madame Boucharlat.**

From Messrs. LOW & CO., and Messrs. ROLLISSON & SONS. A variety of moderately vigorous growth, and somewhat erect in habit, bearing the intermediate tinted foliage, and producing light reddish-purple, or reddish-lilac flowers. It appears to be a late and not a very free bloomer.

11. **H. Miss Nightingale.**

From Messrs. E. G. HENDERSON & SON, and Messrs. LOW & CO. This handsome kind is of a moderately vigorous character, and a free-blooming sort. The leaves are of the faintly tinged or intermediate kind, and the flowers grow in large spreading trusses ; they are of a deep reddish-lilac or reddish-purple colour,

and both large and showy. This is one of the best and most distinct kinds in the whole collection.

12. H. Beauty of the Boudoir.

From Messrs. Low & Co., and Messrs. E. G. Henderson & Son. A very handsome and very free-blooming variety, of moderately vigorous habit, with faintly empurpled foliage, and light reddish-purple, or deep purplish-lilac flowers produced in large trusses. It is one of the best of the varieties.

13. H. Madame Lansezeur.

From Messrs. E. G. Henderson & Son. A free-flowering, but rather dull-coloured variety, of dwarfish compact habit, the foliage slightly tinged with purple, and the flowers of a reddish-lilac, rather duller than in *Miss Nightingale*, but borne in large trusses. It is remarkably free in producing its flowers.

14. H. Madame Rendatler.

From Messrs. E. G. Henderson & Son. A dwarf and free variety, with small flowers. It is similar in colour and general character to *Madame Lansezeur.*

15. H. Etoile de Venus.

From Messrs. E. G. Henderson & Son. A variety of dwarfish moderately vigorous habit, with foliage of the intermediate character, and large deep lilac, or light reddish-purple flowers in large spreading trusses. It is a desirable dwarfish variety, with flowers resembling those of *Miss Nightingale* in colour.

§ 5. *Foliage intermediate; flowers light purple.*

16. H. Gem.

From Messrs. Low & Co. A variety of moderately vigorous habit, with the leaves faintly tinged with purple, and bearing compact trusses of light purple flowers, which are paler at the centre.

§ 6. *Foliage light green; flowers lilac.*

17. H. Triomphe de Liège.

From Messrs. Low & Co. A variety of strong-growing and somewhat coarse habit, with bold green leaves, and large pale lilac blossoms, growing in trusses of considerable size. It was

considered one of the best of the light-coloured sorts, and was of vigorous habit, with large pale-coloured flowers.

18. **H. Climax.**

From Messrs. Low & Co. This appeared to be the same as *Triomphe de Liège*, or so closely similar as to be undistinguishable.

19. **H. Mons. Cassenave.**

From Messrs. E. G. Henderson & Son. This also appeared to be nearly identical with *Triomphe de Liège*.

20. **H. albidum plenum.**

From Messrs. Rollisson & Sons, and Messrs. E. G. Henderson & Son. A dwarf variety of slender weakly habit, with pale-coloured pointed leaves, and very pale lilac, almost white, flowers, which have a tendency to form small petals in the centre; they are produced in close compact trusses. It is a very distinct sort, both in foliage and flowers, but not attractive.

21. **H. multiflorum.**

From Messrs. Rollisson & Sons. A dwarf compact-habited sort, with light-coloured foliage, and small compact trusses of deepish lilac flowers having a pale centre.

22. **H. Jean Mesmer.**

From Messrs. E. G. Henderson & Son, and Messrs. Rollisson & Sons. A free variety, of dwarfish compact habit, moderately vigorous in growth, producing pale-coloured foliage, and large lilac flowers in trusses of medium size. It is a useful variety, and one which may be commended in the light-coloured series comprising the varieties resembling *H. peruvianum* itself.

23. **H. Roi des Heliotropes.**

From Messrs. E. G. Henderson & Son. A coarse-growing, loose-habited variety, with light-coloured foliage, and bearing deep lilac flowers in large loose trusses. The blossoms are individually large, but the habit is not desirable.

LIV. REPORTS OF THE FLORAL COMMITTEE.

(*Continued from p.* 298.)

December 13, 1860.—JOHN JACKSON BLANDY, Esq., V.P.R.H.S., *and afterwards* EDWARD ROSHER, Esq., F.R.H.S., *in the Chair.*

Reports on the collection of Variegated Begonias and the Heliotropes grown at Chiswick in 1860, prepared by the Secretary, were read and adopted.

The plants and flowers exhibited on this occasion were as follows :—

Taxus baccata erecta. At the meeting held on November 8th (p. 296) Mr. RIVERS, of Sawbridgeworth, sent for examination an upright or pyramidal Yew, of which he gave the following account :—"Some weeks since I observed that the Floral Committee gave a certificate to Mr. Crowder, for a variety of *Taxus baccata*, which they named *erecta.* About five years ago, I received from the continent a Yew under this name, which I then thought might turn out to be *hibernica*, or a variety raised in Yorkshire, and called *pyramidalis.* It has, however, proved a most distinct and elegant variety—more so than any other Yew that I am acquainted with. As this variety has priority of name, it is necessary, to avoid confusion, that Mr. CROWDER's Yew should be distinguished by some other name than *erecta.* This variety will, I think, supersede the Irish Yew, it is so fastigiate, and yet so graceful." The plant appeared so closely to resemble that exhibited by Mr. CROWDER (p. 287) that it was determined to invite both varieties at the December meeting, and also to request Mr. CROWDER to furnish more precise information as to the origin of his seedling.

In a letter to the Secretary, Mr. CROWDER now gave the following particulars :—"My father and his foreman found the *parent plant* of my stock some 15 years since amongst a plot of common Yew which had been raised from seeds, and thinking it to be a distinct variety, he propagated a few plants merely to see whether it would retain its erect habit, which it did in every instance. As soon as I took my father's business, I commenced to propagate it more freely, and having raised a stock, submitted it to the Committee, to ascertain whether or not it was a new or known

variety. Before I commenced to propagate it, I showed it to several persons in the trade, and all advised me to get a stock of it, and send it out." Both Mr. RIVERS's and Mr. CROWDER's plants were now again exhibited, and after much discussion as to their distinctness, the following resolution was adopted:—"That the variety of *Taxus baccata* exhibited by Mr. RIVERS under the name of *erecta*, and that raised by Mr. CROWDER, and exhibited under the same name, are apparently not identical, but very similar in appearance; and that a letter to this effect be addressed to Mr. CROWDER." [Mr. CROWDER's variety being, as nearly as could be ascertained, from the different conditions under which the two plants were exhibited, dissimilar to that obtained from the continent by Mr. RIVERS, and yet resembling it in general character, it is now proposed to distinguish the former by the designation—**erecta Crowderi.** In either form this is a very elegant evergreen.]

Thibaudia macrantha: — from Messrs. VEITCH & SON, Exeter. This very remarkable and beautiful shrub was introduced from Moulmein, by Mr. Thomas Lobb, and was figured some years since from specimens flowered by Mr. Veitch at Exeter. A cut specimen was now exhibited, producing two or three together from the older woody portions of the stems, its large, drooping, pentagonal flask-shaped flowers, white marked with transverse wavy V-shaped red lines, and hanging by red fleshy stalks; the flowers measured 2¼ inches long, and 1 inch in diameter, "the texture and marking resembling some handsome piece of china or porcelain." The leaves were lanceolate and entire. The plant was stated to require an intermediate house. A FIRST-CLASS CERTIFICATE was awarded to this exhibition.

Cypripedium insigne *var.* **Maulei**:—from Messrs. MAULE & SONS, Stapleton Road Nurseries, Bristol. This handsome plant was stated to have been imported about four years since by way of Lahore, and to have now flowered for the first time. The habit was stated to be different from that of the usual forms of this species, the leaves being longer and narrower; but, as in them, unspotted green, paler beneath, notched at the tip, and the two sides unequal. The tall flower-scapes exhibited were downy with purple hairs, as also was the ovary. The flowers were large, the dorsal sepal downy, arching, and wavy, nearly 2 inches broad, greenish for about one-third of its length at the base, the rest white; the white portion marked with purple, and the green part with brownish spots, the spots being larger and fewer than in the

usual forms of *insignis*. The anterior sepal was greenish; the petals oblong strap-shaped, obtuse, brownish, glossy, and downy towards the tips, 2½ inches long; the lip brown, varnished, and both it and the gland similar to those of *insignis*, but in both cases somewhat smaller and narrower. It was awarded a First-Class Certificate as a finely-coloured variety, the large proportion of white on the lip, and the purple spotting being conspicuous.

Tree Carnations:—from Messrs. E. G. Henderson & Son, Wellington Road, St. John's Wood. These were exhibited to show their adaptation for winter-blooming plants. The collection consisted of ten different kinds, including white, scarlet, crimson, and rose ground-colours, with carnation-like and picotee-like markings; the blossoms as fresh and sweet as summer flowers. This race of Carnations is invaluable for pot-culture for decorative purposes. A Special Certificate was awarded for the collection.

Bouvardias:—from Messrs. E. G. Henderson & Son. Cut samples of the hybrid varieties called **Hogarth** and **Delicata**, showing them to be desirable subjects for the winter decoration of warm greenhouses and for bouquets.

Gazanias:—from Messrs. E. G. Henderson & Son. A very interesting group of the different kinds in cultivation, in illustration of their differences of habit. **G. pavonia** was of close or tufted growth, with long-stalked leaves, which were regularly pinnatifid, sprinkled with rigid hairs above and on the ribs beneath. It was described as a shy bloomer; but with large, well-formed, and very beautiful flowers. **G. rigens**, of close tufted habit, was said to be more restricted in growth than its reputed varieties; the leaves were smooth, narrow, and tapered into a long stalk-like portion, acute at the apex, and either simple and merely widened upwards, or occasionally with three or four pointed lobes. It is a fine old plant when suitably grown. **G. rigens major** was more robust, rather close-habited, with broader that is spathulate, bullate, crowded leaves, and blooming scantily, so that it is little sought after. **G. splendens**, or *rigens hybrida*, which is the variety or species recently brought into notice as a valuable bedding plant, blooms profusely throughout the summer and autumn months, and afterwards by protection in the greenhouse continuing to expand its later blossoms until January; it had smooth spathulate leaves and a free branching habit. **G. uniflora** was of branching habit, but without special treatment too diffuse to

produce adequate blossoms for flower-bedding, and the flowers are yellow, instead of orange, as in all the preceding.

Adiantum tenerum:—from Miss CLARKSON, St. John's Wood. A supposed new species from Jamaica, but not apparently different from the well-known and handsome *A. tenerum*. It was accompanied by a small plant of the pretty dwarf *Anemia tenella*.

Chrysanthemum Little Harry (*Smith*):—from Mr. SALTER, Versailles Nursery, Hammersmith. This variety, which is of dwarf habit, with flower-heads about 2¾ inches in diameter, of a shaded amber-yellow, and Commended at the previous meeting, was now shown in a much finer state, the flower-heads being full and incurved, forming a raised centre. It was considered to be deserving a FIRST-CLASS CERTIFICATE.

Chrysanthemum Caractacus (*Clark*): — from Mr. SALTER. A large-flowered sort, well filled, but only slightly convex; buff-yellow in the centre, passing into deep lilac at the edges. It was considered a promising variety, and was COMMENDED.

Chrysanthemum Golden Hermine:—from Mr. SALTER. Of this variety, which is a sport from *Hermine*, producing yellow flower-heads, six cut blooms were exhibited. Like its parent it possesses good average properties, and was COMMENDED.

Chrysanthemum Canary Bird:—from Mr. SALTER. A small-flowered, closely-imbricated pompon, with bright canary-coloured flower-heads, about 1½ inch in diameter. It was COMMENDED.

Other **Chrysanthemums** exhibited by Mr. SALTER consisted of: — **Ariadne** (*Clark*), tall, with loose reflexed pale blush-coloured flower-heads, about 3 inches in diameter. **Yellow King**, a sport from *King*, tall, with very large loose pale yellow flower-heads, with reflexed florets. **Penelope** (*Clark*), tall, with flat-faced pale yellow flower-heads, sunk in the eye, and stained with red at the edge. **Diana**, a hybrid pompon, with moderate-sized imbricated white flower-heads; a promising variety, but over-blown. **Jessie**, a dwarf, free-blooming pompon, with pale yellow flower-heads, changing near the margin to pale reddish-buff. **Calliope**, an anemone-flowered pompon, with coppery-reddish flower-heads, paler or yellowish towards the centre. **Priscilla**, a bright yellow quilled pompon, of dwarf habit, and distinct character. The season was so far advanced that several of these were fading. The varieties called *Little Harry* and *Jessie* had, moreover, been in bloom for five and six weeks respectively.

February 12, 1861.—The Rev. JOSHUA DIX *in the Chair.*

The Secretary read a Report on the varieties of Achimenes brought together at Chiswick for comparison in 1860, and embodying the decisions of the Committee as to the merits of the respective varieties; and also a Report on the varieties of Scarlet and other Bedding Pelargoniums: which were adopted.

The following presents to the Garden were announced:—

Mrs. H. B. WARD, F.R.H.S.—Seeds of Aralia papyrifera, and several other plants.

HENRY POWNALL, ESQ., F.R.H.S.—Seeds of Blue Lobelia, dwarf flesh-coloured Hibiscus, and two others unnamed, from Champion Bay, Western Australia.

A communication from Mr. THOMAS MORRIS, Architect, of 12, Regent Street, containing suggestions on the construction of Plant Houses with a view to the economisation of solar heat (see p. 400), was also read.

Mr. C. NOBLE, nurseryman, Bagshot, exhibited samples of numerous evergreen shrubs, in order to show the effect of the past winter upon them. Of these, the following were species altogether unharmed, proving them to be invaluable evergreens for the decoration of pleasure-grounds:—

Skimmia japonica	Berberis japonica

while those named below were all either severely injured or entirely killed:—

Ilex cornuta, dead.
,, latifolia, young shoots killed.
,, dipyrena, partially killed.
Symplocos japonica, killed to the ground.
Phillyrea angustifolia, dead.
Buxus balearica, nearly, or quite killed.
Viburnum Tinus, killed down to the ground.
Quercus bambusæfolia, killed back to the old wood.
,, inversa, killed to the old wood.
,, sclerophylla, killed to the old wood.
Ligustrum japonicum, dead.
Taxodium sempervirens, young shoots killed.
Araucaria imbricata, browned and severely damaged.

The following subjects were also exhibited:—

Messrs. E. G. HENDERSON & SON, St. John's Wood, contributed a group including **Cyclamens**, the new Fern-leaved Chinese Primroses, and other flowering plants.

Cinerarias:—from Mr. W. Lee, Albion Road, Hammersmith: **Albion,** a variety heavily tipped with deep rosy-purple; and from Mr. Lidgard, Hammersmith: **Morning Star,** slightly tipped with rosy-purple. They were both inferior sorts.

Cyanotis vittata argentea:—from the Society's Garden. This is a pretty little trailing plant, presented to the Society by W. W. Saunders, Esq., Treas. R.H.S. It quite resembles in habit the older form of the species which is familiar in gardens under the name of *Tradescantia zebrina,* and has the leaves of similar colours, but the grey marking of the upper surface is much more distinct and decided; and it was hence considered a desirable substitute for the older kind.

Primulas:—from the Society's Garden: a collection of well-flowered plants of different varieties of these very ornamental spring flowers, among which the new salmon-red variety, called **carminata,** was very attractive.

LV.—SUGGESTIONS ON THE CONSTRUCTION OF PLANT HOUSES WITH A VIEW TO THE ECONOMISATION OF SOLAR HEAT.

By Thomas Morris, M.I.B.A., 12, *Regent Street.*

(*Read before the Floral Committee, February 12th,* 1861.)

Heat being a natural principle or influence of the highest importance in horticultural pursuits, its consideration becomes an object of commensurate interest; but it is only of that which is derived from the great source of natural heat that it is here proposed to treat. The laws of optics, by which light is governed, are applicable in many points; and, especially with respect to reflection, they apply to heat also. The great defect in the construction of many buildings for horticultural purposes appears to me to have arisen from the neglect of such governing natural laws.

It is not my intention to dispute the vast, it may be, primary, importance of light in buildings of this nature, but to show that *there is a practicable medium by which the greatest benefits of heat and light may be associated.* Light, however, has been so largely insisted on by horticultural writers, that the employment of glass has been carried to the utmost possible limit, plant houses having

been constructed, as far as could be, with all the sides and all the roof of that material.

It is my purpose to show that this maximum quantity, so far from being necessary, is positively injurious. Light, it must be recollected, is eminently diffusive, so that, as illustrated in the Pantheon at Rome, a single foot of glass is found to illuminate in an agreeable manner 3000 cubic feet of space; and the attention devoted in modern times to the subject of picture galleries, has enabled architects to remove, by a moderate employment of glass, shadow from every part of the internal surface of large rooms and galleries, from which side light is altogether excluded.

The late Mr. Loudon, whose acquaintance with such subjects is well known, states that every superficial foot of glass is capable of cooling one and a quarter cubic feet as many degrees per minute as the degree of the external atmosphere falls short of that within a building. To make a house, therefore, as I have said above, with all the sides and all the roof of glass, is virtually to construct a frigidarium of which the cooling powers throughout a large proportion of the year can only be overcome by an immense supply of artificial heat. It must be unnecessary therefore to insist on the value of any plan by which the admission of light and the retention of heat may be to the largest practicable extent secured.

The optical law of reflection is, that any incidental ray of light is thrown from a reflecting surface at a corresponding angle to its own, but in the opposite direction. It will not therefore be difficult to conceive the possibility of so placing opaque reflecting surfaces (I do not necessarily contemplate or imply polished planes or glass mirrors) in a building as to prevent the escape and throw back into the interior the more vivid southern rays, and thus to increase the positive amount of light within such building; and in so far as those reflecting surfaces may be formed on a cellular system, or with materials unfavourable to the conduction and loss of heat, the economisation of that valuable agent will be also effected.

The means by which this great object may be secured are fortunately of the most simple and inexpensive character. I will suppose, for example, that it is necessary to erect a house for the reception of plants, in the form of a long parallelogram, whose chief dimension shall run north and south. It will be a question in such a case dependent on the value accorded to a due east

morning light, whether that aspect should be treated on the transparent light-admitting or the opaque heat-retaining principle, and this may be further subject to a consideration of other special objects; but it will never, I believe, be disputed that the northern aspect may be treated on the principle of preserving internal heat, rather than of straining to catch a few extra rays of dim diffusive light. According to this view the north side of a plant house should always be a wall, and, when circumstances permit, the eastern side may be a similar construction, either wholly or in part; but the south and the west would invariably have a large proportion of glazing.

It now remains to consider the roof. Taking the general average angle of the sun's rays throughout the year, together with the necessary conditions for throwing off rain, and general convenience, the ordinary pitch of forty-five degrees appears very suitable; but instead of carrying the ridge of such a roof along the centre of the parallelogram from north to south, I propose to divide the length into a number of bays or compartments, such as proportion or other considerations may dictate. These divisions would then be covered each by its own ridge-roof running east and west, with gutters between in the same direction. With regard to the two sloping sides of each ridge-roof, I propose to make that to the south of glass, that to the north of a cellular construction, which may be lined on the interior with common boarding, plain or painted, or may be plastered or covered with porcelain tiles, or, should a higher effect be yet desired, it may be lined with silvered glass; while externally any of the ordinary covering materials of a mineral non-conducting character, such as slates and tiles, may be employed.

If a slight diagram be constructed it will be at once apparent that, when the rays of light come from the south and do not form with the horizon a greater angle than forty-five degrees, no particle of light is obstructed by a roof made upon this principle, while, on the other hand, a clear half of the radiating heat-wasting surface will be replaced by the non-conducting reflector.

The plan is equally applicable to cases in which the longer line of the parallelogram may run east and west, but it would not then be necessary to divide the length into compartments, as the ordinary span roof, transparent on the south and opaque towards the north, would effect the same purpose.

Although the advocacy of a simple, natural, and economic principle is my chief object, the method of construction would not

generally interfere with necessary decorative features, and in order to exemplify this in some moderate degree, I may deferentially refer to the accompanying illustration;* but a purpose far higher than that of mere decoration will have been served if it has been shown that, before resorting to expensive artificial expedients in the endeavour to surround valuable subjects of the vegetable kingdom with climates assimilated to their native regions, much, very much, may be accomplished by a fuller appreciation and more extended employment of the simple means placed at our command by the beneficent Author of Nature.

LVI.—LIST OF FRUITS IN THE SOCIETY'S GARDEN AT CHISWICK.

[These lists are printed with the double object of informing the Fellows as to the varieties of fruits now growing at Chiswick, and at the same time of facilitating the completion of the Society's collection. The Fellows therefore can be supplied with cuttings of those mentioned in the Catalogue; and the Society will be glad to receive any varieties that are not contained in the lists, either in the form of plants, or as scions for grafting.—R. H.]

APPLES.

Alban
Æsopus Spitzemberg
Alexander
Alfriston
American Orange
Amtmann's
Api Gros
Ashmead's Kernel
Ashtead Park
Aunt Hannah

Bains'
Baird's Favourite
Baldwin
Baleborodova
Balmanno Pippin
Barchard's Seedling
Barden's Early
Barton's Favourite, or Incomparable
Bascombe Mystery
Bath
Beachamwell
Bean
Beats's Pippin
Beauty of Kent
    Newark
    Wilts
Bedfordshire Foundling
Belle Bonne
    Ecossaise
    Fille
    de Senaar
Bellefleur
    Brabant
Benoni
Benwell's Large
Bess Pool
Betsey
Beurré à Cidre
Black Coal
    Crab
Blanc d'Espagne
Blenheim Crab
    Pippin

* A drawing of a highly ornamented conservatory was exhibited.

Bonarer
Bossom
Bourassa
Brickley Seedling
Bridgewater Pippin
Bristol Grise
Bridgets
Broad-eyed Pippin
Broughton
Brown Apple of Burntisland
Brownite
Buck's County, or Solebury Cider
Buff-Coat
Buissière
Burchin Minna
Burgin
Burr-Knot

Cadbury
Calabria Pippin
Calville Rouge Précoce
    Franze Weisser Sommer
    White
Cambusnethan Pippin
Cam House
Campfield
Carel's Seedling
Carnation
Caroline
Cayuga Redstreak
Chalcombe
Charlemagne
Chataignier
Chester Pippin
Choffard
Chucket Egg
Cidre à Malar
Cièrge d'Hiver
Claudius Fruher Spitzappel
Clydesdale
Cobham
Cockle Pippin
Cock pit
Coccagee
Coddlemay
Codlin, Carlisle
    Dutch
    French
    Kentish
    Keswick
    Kilkenny
    Manks
    Nelson
    Old English
    Round Winter
Codlin, Royal
    Tottenham Park
    Transparent
    Winter
Coe's Golden Drop
Cœur d'Ane
Cœur de Pigeon
Coing
Cole
Collins' Keeper
Compôte
Constanzer
Coquerel Plat
Corlie's Sweeting
Cornish Aromatic
    Gilliflower
Corse's Autumn Spice
    Miel Mount
Court of Wick
Court Pendu Gris
    Noir
    Plat
    Rouge et Gris
Coussinette
Cowarne Queening
Cox's Orange Pippin
Creichton
Crimson Queening

Damelot Vert
Darlington Pippin
De Brebis
D'Eclat
De Herison
De Lievre
De Longbois
De Miche
De Neige
De Romaine
De St. Julien
Deptford Inn
Deux-ans
    Hunt's
    Somersetshire
Devonshire Buckland
    Redstreak
Dickson's Greening
Doré
Douveret Doré
    Gris Gros
Doux à Laquet
    Chair
    Evêque
    Vernet
Downton
D'Ozanne

Drap d'Or
Dredge's White Lily
Duchess of Oldenburgh
Duke of Beaufort's Pippin
Dumbarton Pippin
Dumelow's Seedling
Dundee
Dutch Mignonne
Dwarf Apple of Armenia

Early Crofton
Fullwood
Harvest
Red
Siberian Crab
White Margaret
Edinburgh Cluster
Egg, or White Paradise
Eldon Pippin
Embroidered Pippin
Empress of Russia
Enking

Fall Harvey
Famagusta
Farleigh Pippin
Fausen of Wellen
Fearn's Pippin
Figue
Five Pound
Flax
Fletcher's Kernel
Flushing Spitzemberg
Forge
Foxley
French Crab
Frogmore Seedling

Garret Pippin
Ganges
Gestreifter Rosen
Gilliflower
Glory of Broughton
Gloria Mundi
Golden Beauty Crab
Harvey
Pitmaston
Mundi
of Liverpool
Noble
Pippin
Bradbury's
Elford
Franklin's
Hughes's
Pine

Golden Pippin, Pitmaston
Screveton
Summer
Thundridge
Warter's
Good-year Pippin
Gooseberry
Pippin
Gogar or Stone Pippin
Grand Faros
Soleil
Grange
Gravenstein
Greaves's Pippin
Green Balsam
Fullwood
Leadington
Long-last
Square
Wine
Greenup's Pippin
Grégoire
Gros Binet
Bondit
Doux
Faros
Grosse à Cuire
Pomme d'Automne
Schwarze
Grosser Edler Prinzessen

Haggerstone Pippin
Hall's Watlington Seedling
Hamilton Pippin
Hampshire Greening
Nonsuch
Hanwell Souring
Hatche's Seedling
Hautbois
Hawthornden
Heathfield's French
Herefordshire Goose
Underleaf
Hesketh's Sweet
Hews's Virginian Crab
Hildesheimer Saffran
Hillingdon Pippin
Hoare's Seedling
Hoary Morning
Hollandbury
Holland Pippin
of Hassendeanburn
Hollow-crowned Pippin
Homes's Large
Hotzen's Herbst
Howe's Seedling

How's Pippin
Hunt's Duke of Gloucester
Green Newtown Pippin
Royal Red
Hunthouse
Hyde Park
Porter

Incomparable
très Gros
Isle of Wight Pippin
Ives's Incomparable
Ivory Pippin

Jacques Lebel
Jean Huré
Jersey Pippin
Jerusalemæble
Joanneting, Red
White
John
Jordbær

Kaiser Alexander
Kantet Jordbæræble
Keizer
Kentish Fill-basket
Pippin
Kernel
Kerry Pippin
Keston Pippin
Kew Admirable
King Harry
of the Forest
of the Pippins
Kingston Pippin
Kirke's Incomparable
Lord Nelson
Knight (espèce de Raboulink)
Knight's Large
Knotted Kernel
Norman
Köning's Pepelin
Kriz Apfel

Lady de Greys
Larden
Large Red Winter Sweeting
Variegated Pigeon
Yellow Bough
Late Siberian Crab
Lemon Apple, English Red
Neapolitan
Pippin
Leinster
Lewis's Incomparable
Leyden Pippin
Lincolnshire Holland Pippin
Llynegrin
Lock's Seedling
Long Leadington
Longville's Kernel
Lord Suffield
Lourmont Pippin
Loveden's Pippin
Lovett Sweet
Lucombe's Seedling
Lyscorn

Maclean's Favourite
Maggy Duncan
Maiden's Blush
Malus baccifera
Margaret
Margil
Marin Onfroi
Marmorister Sommer Pepping
Mary Greed's
Mason's White
McLellan
Melon
Melville Pippin
Mère de Ménage
Meuris
Miller's Glory
Millfield
Minchall Crab
Monkland Pippin
Morden Striped
Moulin à Vent
Mrs. Coutts's Large
Multiple
Munches Pippin
Myatt's George the Fourth

Nagli, ou Michelbocker
Nelson
Newark King
Yellow Pippin
Newbold's Duke of York
New Rock Pippin
Newtown Pippin
Pippin, Large
Spitzemberg
New York Pippin
Noblesse de Gand
No Core
Nonpareil, Antrim
Braddick's
Cockfield
Downton
Early
Flat

Nonpareil, Formosa
Frogmore
Green
Hunt's
Martin
Old
Penrhyn
Pitmaston Russet
Redding's
Ross
Russet
Scarlet
White
Nonsuch, Hubbardstone
Round Winter
Royal Winter
Park
Norfolk Beefing
Coleman
Paradise
Storing
Norman Styre
Northern Greening
Norton Seedling
Nostrate Blanche

Oakley Park
Oaks
Oberdieck's Winter Tauben
Old Coccagee
Olivers
Ord's
Orme
Ortley
Oslin
Ostogotho

Paasche Apfel Blanche
Pack Horse
Passe Pomme
Patteswick Seedling
Pear Apple
Pearlot
Pearmain, Adams's
Augustus
Barcelona
Baxter's
Benwell's
Chester
Claygate
Englische Königs Red Winter
Federal
Grange's
Herefordshire
Hormead
Pearmain, Hubbard's
Kilkenny
Knight's Seedling
Lamb Abbey
Loan's
Panson
Parry's
Royal
Vale Mascal
Winter
Pearson's Plate
Pencaithland Pippin
Pennington's Seedling
Pennock's Red Winter
Putman's Ellacott
Pepin Kock
Pigeon
Pigeon's Heart
Pine Apple
Pitmaston
Pomeroy
Pomme de Bœuf
de Laak
de Neige
de Nottingham
du Roi
Finale
Grise
Longue
Luiken
Poire
Blanche
Kemette Pepin
Royale
Violette
Pommewater
Pommier Ornament de la Table
Ponto Pippin
Porte Tulipe
Pound Royal
Prague
President
Prinzen Apfel
Prussian Pippin

Rabine
Rambour Franc
Franc d'Été
Franc d'Hiver
Red
Red Aisle
Bough
Norman
Quarrenden
Wine
Red and Green Sweeting

Redling
Reinette Ananas
Baumann
Baumann's Rother Winter
Bischoff's
Blanche
Bodiker
Burchard's
du Canada
Capuziner
Von Claveral
Dietzer Gold
de Doué (très Grosse)
Elsasser Rother Winter
de Erkenstein
Franche Grauwe
Fromm's Gold
Gestreifter
Glanz
Golden
Golgelbe Sommer
Grise
Grise Doré
Grise de St. Ange
Grosse d'Angleterre
Hawick Golden
Kentish
Koënigs
Kranter
Kleiner Antillische
de Laak
Landsberger
Lelieur
De Montmorency
Menonisten
Muskirte
du Nord
Nienburger Susse Herbert
Perlé
Picté
Platte
Red Winter of Schmidtberger
Sickler's Red
Siegende
de Trianon
Uellner's Gold
Van der Laan's Gold
Van Mons
Wilkenburger Weisse Sommer
Zimmt
Republican Pippin
Rhode Island Greening
Ribston Pippin
Ridge
Rob Roy
Rockrimmon
Romril
Rostocker
Round Head
Rowlinson's
Royal d'Angleterre
Russet, Boston
Byson-wood
Bowne's Imperial
Harvey
Pine
Royal
Wareham
Sweeting
Russian
Rymer

Saccombe, Flemish
Sack
Saint Julien
Sam Young
Scarlet Crofton
Spice
Sedgefield
Sharp's Incomparable
Shepherd's Fame
Newington
Short's Martin Seedling
Shustoke Pippin
Siberian Sugar
Silverlink
Small's Admirable
Smith's Paymaster
Pippin
Somerset Harvest
Sops of Wine
Spanish Green
Spencer's Favourite
Spice
Stamford Pippin
Stilstead Pippin
Stirling Castle
Stone Pippin
Stoup Leadington
Sturmer Pippin
Straat
Striped Holland Pippin
June
St. Andrew
Patrick
Sauveur
Sudbury Beauty
Sugar-loaf Pippin
Summer Gilliflower

Summer Leadington
 Pippin
 Strawberry
 Sweet Paradise
 Thorle
Superintendenten
Supreme Crab
Sweet Baldwin
Symond's Brainton

Terraughtie Short Meg
Terwin's Goliath
 Seedling
Thorburn's
Thoresby Seedling
Top
Tower of Glammis
Transcendent Crab
Traveller
Twin Cluster Pippin

Valleyfield Pippin
Virginischer Sommer Rosen-apfel
Virtue

Wadhurst Pippin
Waltham Abbey Seedling
Warwickshire Pippin
Watlingwood
Waxen or Belmont
Welsh Pippin
West Grinstead Pippin
Whalley's Seedling
White Astrachan
 Custard
 Easter
 Letham Pippin
 Moncrieff
 Peeling
 Quarrenden
 Spitzemberg
 Styre
 Wine
Whitmore Seedling
Winter Coleman
 Queening (of Ohio)
 Red Streak
 Scarlet
 Strawberry
 Sweet Paradise
Wood's New Transparent
Wood Nymph
Wormsley Pippin
Wyken Pippin
Wyndham Pippin

Yellow Buckland
 Ingestrie
Yorkshire Greening
Young's Seedling
Yschelebi

Zoete Kantje

Apricots.

Amande Douce de Provence
Angoumois de Var

Blanc
 de Crimée
Breda
 Malcolm's
Brussels

De Briançon
 Dames
Du Nepaul
 Chili

Gros d'Hollande

Hâtif
Hemskirk

Kaisha

La Délicieuse
Large Early

Marston Seedling
Moorpark

New Royal
Noir

Orange

Pêche
Précoce d'Esperen

Roman
Royal

Shipley's Large

Turkey

Brambles.

Dorchester Blackberry.

Lawton Blackberry

Cherries.

Abbesse d'Oignies
Adams' Crown
Admirable de Soissons

All Saints
Amber Heart
American Heart
Ansell's Black
Archduke
Aston

Baramdam
Baumann's May
Bedford Prolific
Belle Agathe
  Audigeoise
  de Bruxelles
  de Chatenay
  de Choisy
  d'Orleans
  de Ribeaucourt
  Magnifique
  de Sceaux
  des Besnardières
Bigarreau
  d'Esperen
  de Gaboulais
  de Hildesheim
  de Mezel
  d'Octobre
  Gros Cœuret
  Gros Monstrueuse
  Legrey
  Napoléon
  Noir à Gros Fruit
  Princesse
  Rockport
  Rouge
  Scheidweiler
  White
Black Eagle
  Hawk
  Heart
    Büttner's
    Winter's
  Tartarian
À Bouquets
Bowyer's Early Heart
Brant
Burn's Seedling
Büttner's Yellow

Cleveland
Coe's Late Carnation
  Transparent
Como
Corone
Creve Kirsche

Dauphine
De Bavay
De Frauendorf
De Glymes
De Planchoury
De Prusse
De Saxe
De Spa
De Stavelot
De Varennes
De Vigny
Doctor
Donna Maria
Double Glaskirsche
Douce de Palatinat
Downer's Late Red
Downton
Duchesse de Palluau

Early Amber
  Black
  May or Nain Précoce
  Purple Gean
  Unique
Elton
Empress Eugénie
De l'Esvières
Eugène Furest

Fisbach
Flemish
Florence

Gottorper
Governor Wood
Gridley
Griotte de Chaux
  de Portugal
  de Provence
  de St. Gilles
  Impériale
  Seize à la Livre
Gros Gobet
Grosse Glaskirsche
Guigne Guindole
  Précoce de Tarasçon
Guindoux de la Rochelle

Hâtif de Boulbon
Harrison's Heart
Hogg's Black Gean
  Red Gean
Holman's Duke

Impératrice Eugénie

Joc-o-sot

Kentish
Kirtland's Mary

Knight's Early Black

Late Duke
Lemercier
Logan
Louis Philippe

Mammoth
May Duke
Mazard Blanc
Monstrous Duke
Monstrueuse
de Bavay
de Jodoigne
Montmorency
Morello
de Charneux
Frogmore

Nouvelle Royale

Ohio Beauty
Osceola

Powhattan

Reine Hortense
Roberts' Red Heart
Royal Duke

Schatten Morelle
Sparhawk's Honey
St. Margaret's

Tecumseh
Tradescant's Heart
Trempée Précoce
Trippleton's Early Black

Waterloo
Wellington
Werder's Early Heart

CURRANTS.

Black Bang-up
Dwarf
Naples
Old
Variegated

Cherry

Fielder's Red
Fertile

Goliath
Gondouin
Green-fruited

Houghton Red Seedling

Knight's Large Red

La Hâtive
La Versaillaise
Large Sweet Red
Late Red

May's Victoria

New Red Dutch
Sweet Red

Old Red

Palmer's Large Red
Pitmaston Prolific
Red
Sweet Red

Raby Castle
Red Champagne
Dutch
Grape
Russian

Striped-fruited

Victoria

White Dutch
Wilmot's Large White

FIGS.

Barnisotte
Black
Provence
Blanche
à fruit engomine (nouvelle espèce)
Blue
Burgundy
Bourjassotte
Brown Turkey
Brunswick

Datte

Early
White

Figue Blanche
Fleur Rouge
Ford's Seedling

Green Barbadoes

Harrison's Seedling

Ischia, Blue
Early Forcing
Green
White

Large Blue
Lee's Perpetual
Lord Kennedy's

Marseilles

Pale Yellow
Petite Blanche
Pregussata
Purple

Reculver
Rougette Montagnette

Verte de très bonne qualité

White
  Naples
  Standard

Gooseberries.

Acherley's Rodney
Allen's Glory of Ratcliffe
Amber
Andrew's Royal Rock-getter

Barton's Hairy Red
Beaumont's Smiling Beauty
Bell's Green Anchor
  Prince of Orange
Berry's Farmer's Glory
  Greenwood
Boardman's Lively Green
  Prince Regent
Bonny
Bratherton's Pastime
  Wistaston Lass
Britannia

Capper's Bonny Lass
Chisel
Clegg's Tim Bobbin
Crystal

Dublin

Earl Grosvenor
Early Black
  Green
    Hairy
  Red
  White

Forester's Lord Combermere

Golden Drop
Green Walnut
Gregory's Perfection
Greysmith

Grundy's Lady Lilford
Gunner

Henderson's Porcupine
High Sheriff of Lancashire
Horsham's Smiling Girl

Irish Plum
  White Raspberry
Ironmonger

Jeeves's Red Seedling

Keens's Seedling Warrington
Knight's Marquis of Stafford

Leigh's Rifleman
Little Red Hairy
Lomax's Victory
Lord Valentia

Massey's Heart of Oak
Matchless
Melling's Crown Bob
Miss Bold
Morris's Queen Mary

Noble Landlady

Parkinson's Laurel
Pitmaston Green Gage

Red Champagne
  Mogul
  Smith
  Turkey
  Warrington
Rival's Emperor Napoléon
Rivers's Old England
Rob Roy
Roseberry
Royal George
  Oak
Rough Red
  Small
Rumbullion

Smooth Green
Speechley's Rough Robin
St. John
Stringer's Dusty Miller
Striped Yellow
Sulphur

Warwickshire Hero
White Champagne
  Crystal
  Fig
  Lily
  Lion

Woodward's Whitesmith

Yellow Ball
Champagne
Globe
Yellowsmith

Nectarines.

Balgowan
Black Melting
Brinion
Brugnon

Downton
Duc de Telliers

Early Newington
Purple
Elruge

Fairchild's Early

Hardwicke Seedling
Hunt's Tawny

Impératrice

New White

Oldaker's Black
Oldenburg
Old Newington
Orange Précoce

Prince's New Golden
Pitmaston Improved
Orange

Red Roman
New
Rivers's Roman

Stanwick

Violette Grosse
Hâtive

White

Nuts.

Aveline de Provence

Barcelona
Bizarré
Bond
Burn

Cob
Cornu
Cosford

Downton
Large Square

Filbert, Frizzled
Red
White
Franche Rouge
à Fruits Striés

à Grappes
Précoce
Grosse Longue d'Espagne
Fruit Rond
Rond de Piemont

Jeeves's Seedling

Knight's Small

Merveille de Bollwiller

Primley
Purple Leaved

Small Clustered
St. Grisier

Peaches.

Acton Scott

Barrington
Bellegarde
Boudin

Catherine
Chancellor
Crawford's Early
Late

De Sernach
Diamond

Early Admirable
Anne
Grosse Mignonne
Newington
Purple
White
York
Eliza

Ford's Seedling

Galande
George the Fourth
Grosse Mignonne

Hemskirke

Late Admirable
Luscombe's Seedling

Malta
Mercator Hâtif
Millet's Mignonne

Monstrueuse de Doué
Montaubon
Morris's White
Mountaineer

Noblesse

Orange

Padley's
Pucelle de Malines

Red Magdalen
(of Miller)
Red Nectarine Peach
Reine des Vergers
Ronalds's Purple
Royal Charlotte
George
Kensington

Salway
Shanghae
Spring Grove
Sulhampstead

Têton de Venus

Vanguard
Violette Hâtive

Walberton Admirable
White Magdalen

Pears.

Adèle de St. Denis
Aglie Grégoire
Alexander
Alexandre Bivort
Lambré
Arbre Courbé
Arlequine Musqué
Auch Chisel

Baronne de Mello
Baumann's
Beadnell's Seedling
Beau Présent d'Artois
Belmont
Belle Après Noël
et Bonne
de Forêts
Fondante
Julie
Lucrative
Bellissime d'Automne
Bequêne Musqué
Bergamot, Easter
Gansel's
Bergamot, Gansel's Late
Huyshe's
March
Welbeck
Bergamotte Bronzée
Buffo
Cadette
Drouet
d'Esperen
de Louvain
de Parthenay
De Strycker
Libotton
Beurré Adam
Amande
Ananas
Bachelier
Baud
Beaumont
Bennert
Berckmans
Blanc des Capucins
Bosc
Bretonneau
Brown
Burnicq
Charneuses
Clairgeau
Citron
Coloma
Curtet
Defais
Delfosse
Derouineau
Diel
Douce Saveur
Duhaume
Duval
d'Amanlis
Panaché
d'Anjou
d'Aremberg
d'Austerlitz
des Béguines
de Capiaumont
d'Esperen
de Flandre
d'Hiver
de König
de Merode
de Wetteren
Easter
Gris
d'Hiver
Nouveau
Supérieure

Beurré Hardy
    Kennes
    Króning
    Langelier
    Lefevre
    Léon Le Clerc
    Loisel
    Lombard
    Millet
    Mollet's Guernsey
    Mondelle
    Nantais
    Paimpol
    Petit
    Quetelet
    Rance
    Rouge
    Santalette
    Schweidweiler
    Stappaerts
    Spence
    St. Bernard
    Superfin
    Tardif
    Van Marum
    Van Mons
    Van Mons'
    Vert Tardif
    Winter
Bezi Quessoi d'Été
    Sanspareille
    Vaet
Bishop's Thumb
Blanc Perné
Bloodgood
Bois Napoléon
Bon Chrétien Doré
    Flemish
    Rushmore's Autumn
    Striped Winter
    Williams'
    Gustave
    Parent
Bonne de Zees
Bonnissime de la Sarthe
Bourbon du Roi
Bouvier Bourgmeister
Bowood
Broom Park
Buffam
Burgermeister

Caillot Rosat
    d'Été
Calebasse Carafon
Calebasse Delvigne
    de Bavay
    d'Été d'Esperen
    Grosse
    Kloss
    Tougard
Cassieman
Castelline
Catinka
Catillac
Celeste
Chantry Seedling
Chapman
Chaptal
Charlotte de Brouwer
Charles Smet
    Van Hooghten
    Van Mons
Chaumontel
Cheminette
Choix d'un Amateur
Cholwell
Citron des Carmes
Clément
Colmar d'Aremberg
    Autumn
    d'Été
    des Invalides
    de Meester
    de Metz
    de Silly
    Jose Smet
    Musqué
    Old
    Tardif
    Van Mons
Colorée d'Aôut
Columbia
Comice du Toulon
Comte d'Allos
    d'Egmont
    de Flandre
    de Lamy
    de Paris
Conseiller de la Cour
    Bavay
Courel
Crassane
    Althorp
    d'Été
    d'Hiver Brunneau
    Seedling
    Winter
Croft Castle
Cuvelier

Dearborn's Seedling
De Bavay
(Van Mons)
Campanelle
Deux Sœurs
Jacop
Lamartine
Maraise
SS. Pères
Suisse
Delices de Charles
de Charneuses
de Chaumont
d'Hardenpont
Belge
d'Angers
de Jodoigne
de la Meuse
de Lovenjoul
Double de Guerre
Philippe
Doyenné Boussoch
Crotté
Dillen
d'Été
Defais
d'Hiver Nouveau
du Comice
Goubault
Grey
Musqué
Royale
Sieulle
White
Dr. Capron
Trousseau
Duc d'Aumale
de Brabant
de Nemours
d'Orleans
Duchesse d'Angoulême
d'Orleans
de Nemours
Helène d'Orléans

Echasserie
Eliza d'Heyst
Eléonie Bouvier
Elton
Emile Bivort
Emile d'Heyst
Enfant Prodigue
Epine d'Été
Dumas
Esturada
Excellente de Coloma
Excellentissime
Eyewood

Figue d'Alençon
de Naples
Flemish Beauty
Fondante d'Automne
du Bois
des Célestines
de Lille
de Malines
de Nees
de Sickler
de Pariselle
Forelle
Forme de Bergamotte
de Délices
Fortunée de Parmentier
Fourcroy
Franc Real d'Hiver
Summer
Frederic de Meester
Fry's Seedling

Gagnée à Heuze
Gendesheim
Gilogil
Glou Morceau
Graf Michna
Graslin
Groom's Princess Royal
Grosse Marguerite
Marie
Muscat
Sucrée
Verte
Gustave Bourgogne

Hacon's Incomparable
Haward
Hélotte Dundas
Henkel d'Hiver
Henri Capron
Nicaise
Quatre
Hepworth
Héricart de Thury
Holland Green
Huyshe's Victoria

Inconnue Cheneau
Van Mons

Jalousie de Fontenay Vendée
Jaminette
Jargonelle
French
Jean de Witte
Jersey Gratioli

Jolivet
Josephine de Malines
Jules Bivort

King Edward
Knight's Monarch
Kops

La Juive
Lamartine
Langelier
Large Gelbe Bishopsbirne
Laughlin
Lechfriande
Leopold I.
Lewis
Little Musk
Louise Bonne of Jersey
d'Orleans
de Prusse
Grégoire
Lucien le Clerc

Madame Durieux
Madam Eliza
Madotte
Mansuette
Marie Delcourt
Marie Louise
Maréchal de la Cour
Marquise d'Hiver
Miel de Waterloo
Mignonne d'Hiver
Millot de Nancy
Monseigneur Affré
Morissot (Dauvesse)
Muscat Robert
Musette de Nancy

Napoléon
Navez Peintre
Ne Plus Meuris
Neuve Maisons
Noisette's Butterbirne
Notaire Minot
Nouveau Poiteau

Oken d'Hiver

Passe Colmar
Doré
Gris
Musqué
Tardive
Paul Thielens
Pear from Chantilly
Pengethley
Pepin Sucrée
Petre
Pie IX.
Poire d'Ange
de Malte
Fortunée
His
l'Épine
Nippse
Pêche
Pomme Poire
Pomoise
Powis Castle
Prévost
Prince Albert
Princesse Charlotte
Marie
Prince's Sugar
Pucelle Condesienne

Rameau
Reine des Précoces
Retour de Rome
Robine
Roi Louis Nouveau
Rousse Lench
Rousselet Baud
Bivort
Enfant Prodigue
de Meister
Rondelet

Sanguinole
Sauch
Seaton Seedling
Seckel
Seigneur d'Esperen
Everard
Serrurier d'Automne
Shobden Court
Simon Bouvier
Soldat d'Esperen
Laboureur
Sorlus
Souvenir d'Esperen
Spignola
St. Denis
St. Germain
Brandes
de Pepin
Summer
Van Mons
St. Michel Archange
Styrian
Suffolk Thorn
Summer Rose
Suprême de Quimper

Suzette de Bavay

Tardif de Mons
Tettenhall
Theodore
  Van Mons
Thompson's
Tillington
Tockington Seedling
Triomphe de Jodoigne
  de Louvain
Tuzumetzer

Urbaniste

Van Assche
  de Weyer Bates
  Mons Léon le Clerc
Verulam
Vesouzière
Vicar of Winkfield

Washington
Wilhelmine
Willermoz
Winter Nelis
Wreedon
Wurzer

Yut

Zéphirin Grégoire
Zezamure aus Tiflis
Zoar Beauty

Plums.

Abricotée Liegel
Altesse
American Scarlet Gap
  Seedling
Angelina Burdett
Autumn Compôte

Belgian Purple
Belle de Septembre
Bleecker's Scarlet
Bradshaw
Brignole Violette
British Standard
Bullace, Black
  White

Cant's Seedling
Chapman's Prince of Wales
Cherry Plum
Cheston
Cloth of Gold
Coe's Golden Drop
Coe's Late Red
Columbia
Corse's Dictator
  Nota Bene
Court Royal

Damas d'Italie
  de Maugeron
Damson, Black
  Shropshire
  White
De Dorelle
Denniston's Superb
Denyer's Victoria
Des Béjonnières
Diamond
Diaprée Rouge
Donna d'Espagne
Dove Bank
D'Agen
Drap d'Or
Dunmore

Early Favourite
  Prolific

Fairy Bank
Fellenberg
Fitch's
Florence
Fotheringham
Frankfort Peach

Gage, Autumn
  Bleecker's Yellow
  Blue
  Frost
  Golden
    Goring's
    Lawson's
  Green
    Cant's Late
    July
    Late
    Moise's
  Mann's Brandy
  McLaughlin's
  Prince's Imperial
  Sand's Seedling
  Woolston Black
  Yellow
General Hand
German Prince
Gisborne's Early
Goliath
Guimaraen

Guthrie's Apricot
Late Green

Heale's Hybrid
Hulings' Superb
(Monstrous)

Impératrice, Blue
Downton
Ickworth
White
Impériale de Milan
Ottoman
Isabella

Jacinth
Jedburgh Seedling
Jefferson
Jemmy Coombe
Moore

Kirke's
Knight's Large Green Drying

La Délicieuse
Large Black Imperial
Lawrence's Favourite
Lombard
Lucombe's Nonsuch

Magnum Bonum, White
Red
Mammelonnée
Mirabelle
de Septembre
Petite
Tardive
Mitchelson's
Monsieur à fruits jaunes
Morocco

Nectarine
Nelson's Victory
Newby Park

Orleans
Early
Smith's
White
Orange
Overall

Peach Plum
Perdrigon, Blue
Rouge
Violet Hâtif
White
Pond's Seedling
Précoce de Bergthold
de Tours

Prince Englebert
of Wales
Princesse d'Orange
Prince's Green
Orange Egg
Red Primordian
Prune Damson
de Jerusalem
Tardive

Queen Mother

Reine Claude de Bavay
d'Oberdieck
d'Octobre
d'Oullins
Rouge
Violette
Royal Bullace
Dauphine
Royale de Braunau
de Tours
Hâtive
Hâtive de Nikita

Sharp's Emperor
Shenectady
Standard of England
St. Catharine
St. Etienne
St. James's Quetsche
St. Martin's Quetsche

Tay Bank
Topaz

Victoria
Violet
Virgin

Washington
White Pear Plum
Whitley's
Wine Sour

RASPBERRIES.

Autumn Black

Belle de Fontenoy
Brinkley's Orange

Carter's Prolific
Cushing
Cutbush's Prince of Wales

Fastolff
Fill-basket
Franconia

Knevett's Giant

Large-fruited Monthly

October Red
Yellow

Rogers's Black
Round-fruited Red Antwerp

Sweet Yellow Antwerp
Summer Black

Vice-President French

Waite's Victoria
Walker's Dulcis

Yellow Antwerp

Strawberries.

Adair
Admiral Dundas
Ajax
Alpine, Red
White
Ambrosia

Belle Bordelaise
Black Prince
Bonté de St. Julien
British Queen
Seedling

Captain Cook
Carolina Superba
Old White
Cœur de Sang
Cole's Prolific
Comte de Paris
Comtesse de Marne

Douglas's Californian
Duc de Malakoff

Eclipse
Ewbank's Seedling
Excellent

Fill-basket
Fragaria lucida

Gelineau
General Havelock
Great Exhibition
Green's Prolific

Hautbois
Highland Chief
Mary
Hooker's Seedling
Hooper's Seedling
Hybrid

Jenny Lind
Jung Bahadoor

Keens' Seedling
Kitley's Goliath

La Chalonaise
La Constante
La Perle
La Reine
Leopold

Malcolm's Aberdeen Seedling
May Queen
Marquise de Latour Maubourg
Myatt's Eleanor
Eliza
Mammoth
Pine Apple

Ne Plus Ultra
Nimrod
Nonsuch

Old Chili
Omar Pacha
Oscar

Peabody's Seedling
Pine, Bicton
Boston
Brighton
Deptford
Elton
Filbert
Old
Royal
Scarlet
Scarlet of Dr. Roden
Stirling Castle
Pitmaston Black
Prince Imperial
of Wales, Cuthill's
Ingram's
Princess Alice Maud
Frederick William
Royal of England

Richard The Second
Roseberry
Rosebud
Ruby

Sanspareil
Scarlet, Munro's
Old
Pitmaston Black
Unique
Scott's Seedling

Sir Harry
Sir Walter Scott
St. Lambert

Thom's Seedling
Tiley's Rival Queen
Triomphe
Trollope's Victoria

Vicomtesse Héricart de Thury
Virgin Queen

Wellington
Wilson's Albany
Albany Seedling
Wizard of the North
Wonderful

Seedlings—No. 1. Nicholson
2. Reeves
O. Nicholson
P. ,,
H. ,,
Z. ,,

VINES.

Ahbee
Alicante
Preta
Aramon

Barbarossa
Bicane
Bidwill's Seedling
Black Champion
Cluster
Constantia
Damascus
Grape (American)
Ischia
Monukka
Morocco
Prince
Prolific
Raisin
Blussard Blanc
Noir
Burchardt's Amber Cluster
Prince

Cabral
Castello de Donello
Catalenesia Nera
Chasselas Blanc Musqué
Croquant
de-Bar-sur-Aube
de Florence
Chasselas de Fontainbleau, or Royal Muscadine
de Fontainbleau Rouge
Hâtif
de Pondicherry
from M. Schöne
Gris
Knight's Variegated
de Montaubon
Musqué
Negrepont
Rose de Falloux
Rose Superb
Rouge Jalabert
Rouge Royale
Vibert
Violet
Ciotat
Corinth, Black
White
Cornichon Blanc
Rouge
Coulard Précoce
Coussi Noir
Crimean
Cumberland Lodge

De Candolle
Diamant Traube
D'Ischia

Early Black July
Elford
Esperione

Formosa
Foster's White Seedling
Frankenthal, or Pope and Victoria Hamburgh
Blanc
Frontignan, Black
Grizzly
White
Violet

Golden Grape
Gouvea
Gros Coulard
Gromier du Cantal
Guillaume
Marocain Noir
Panse
Rouge de Provence
Grosse Perle Blanche
Perle Ronde

Hamburgh, Black
Braddick's Seedling

Hamburgh, Dutch
Golden
Garnstone Black
Mill Hill
White
Hâtive de Jura
Hayne's Seedling

Joannec
charnu

Kienzheimer Blanc Précoce

Lachryma Dolce
Lady Downes' Seedling
Langford's Incomparable
Large Black Ferral
Late Black
Lombardy

Madeira Verdal
Malaga
Malvasia
Early White
Mantua Castellana
Marocain d'Espagne
Mignonne White Cluster
Miller's Burgundy
Morisca Bianca
Preta
Morocco Prince
Muscadine, Royal
Black
Braddick's
Reeves's
Muscat, Barnes'
Blanc de Berkheim
de Jura
Bowood
Canon Hall
Citronelle
Durebaie
Hamburgh
Noir d'Eisenstadt
de Jura
de Naples
Hâtif
Ottonel
Passe
Précoce du Puy de Dome
Primavis
of Alexandria, White
Red
de Seine
St. Laurent
Violet de Seine-et-Marne

Muscatel
de Jesus

Panse jaune
Petersburg
Pitmaston White Cluster
Poonah
Port Wine or Claret
Précoce Courtillier
de Malingre
Prune Blanc de Naples
d'Hérault

Queen Muscatel

Raisin de Calabre
de Gênes
Reine Blanche de Naples
Rouge de Rolle

Sahibee
Savignon Blanc
Sawee Henriette Jaune (?)
Sideritis Smyrna
Spirant Rouge
St. Peter's, Black
Oldaker's
Strawberry Grape
Sweetwater
Braddick's
Buckland
Grove End
Stillward's
White
Syrian

Teneron
Tokay, Black
Blanc de Hongrie
des Jardins
Noir de Hongrie
White
Trebbiano

Verdal
Verdelho
Muscadine
Verte de Madère

Ward's Early
White Grape ? Syrian
White Nice
Whitley's fine Black

Yellow Cabul

Zebbibo of Sicily

LVII.—REPORTS OF THE FRUIT COMMITTEE.

(*Continued from p.* 305.)

November 13, 1860.—Mr. Thomas Rivers, F.R.H.S., *in the Chair.*

The following Local Committees to act in concert with the Central Committee in London, were constituted:—

North Staffordshire.

Mr. Hill, gardener to Ralph Sneyd, Esq., F.R.H.S., Keele Hall, *Chairman.*
C. M. Campbell, Esq., F.R.H.S., Hart's Hill, Stoke.
— Pratt, Esq., Tinton Potteries.
Mr. Allport, gardener, Doddington Park, Nantwich.
Mr. Whittaker, gardener, Crewe Hall.
Mr. Peake, gardener, Apidale, Newcastle-under-Lyne.
Mr. Rawbone, gardener, Berlaston Hall, near Stone.
Mr. Miller, sen., Milton, near Hanley.
Mr. Buchan, gardener to Lord Bagot, Blythfield.
Mr. Phipps, gardener, Ingestrie Hall.
Mr. A. Henderson, F.R.H.S., Trentham Gardens.

Hereford.

Richard Davis, Esq., Athelston Hill, Hereford, *Chairman.*
Rev. Josiah Dudley, Sarnsfield.
Mr. N. D. Morris, Hereford.
Mr. George Davison, nurseryman, Hereford.
Mr. John Cranston, nurseryman, King's Acre.
Mr. Samuel Williams, nurseryman, Hereford.
Mr. Whateley, gardener, Whitfield House, Hereford.
Mr. Rutland, Garnston Park, near Weobley.
Mr. R. Robertson, Stoke Edith Park, Ledbury.

Derby.

Hon. and Rev. F. Curzon, F.R.H.S., Mickleover, *Chairman.*
Mr. George Westland, Kingston Hall, Derby.
Mr. Gadd, gardener to Lord Middleton, F.R.H.S., Wollaton Hall, Nottingham.
Mr. Jackson, Keddleston Hall, Derby.
Mr. Cooling, Milcash Nursery, Derby.
Mr. John Pearson, Chilwell, near Nottingham.
Mr. Henderson, Coleorton, Ashby-de-la-Zouch.
Mr. McLean, Bean Manor, Loughborough.

East Riding of York.

C. W. Strickland, Esq., Hildenley, *Chairman.*
Mr. Thomas Campbell, gardener to W. C. Harland, Esq., F.R.H.S., Sutton.
Mr. George Dalgleish, nurseryman, Boroughbridge.
Mr. Thomas Swailes, nurseryman, Beverley.
Mr. Culverwell, gardener to R. Milbanke, Esq., F.R.H.S., Thorpe Perrow, Bedale.

PINEAPPLES.—From Mr. HENRY C. OGLE, gardener to the Earl of ABERGAVENNY, Eridge Castle, Tunbridge Wells: some handsome fruit of the **Queen,** grown under the following circumstances:—The plants were planted out in beds of earth in 1849, since which time they have produced a large quantity of fruit. The bed of earth is heated by open gutters, the steam of which enters the house; it is 27 feet long by 7 feet wide. There has been a continuous supply of fruit for the last 3 years. The management is very simple, and consists in merely giving the usual amount of fire heat, supplying air, and sprinkling with water daily. Mr. OGLE stated that he had 50 fruit in various stages of growth; about 20 of these would be ripe by Christmas, and would attain about the size of those exhibited. The Committee unanimously awarded a certificate of COMMENDATION for this exhibition.

GRAPES.—From the Society's garden: a collection consisting of the following sorts:—**Burchardt's Prince,** inferior in flavour, and evidently requiring to be grown in a higher temperature than that afforded by the large vinery; **Morocco Prince,** fine, sprightly, and rich in flavour, superior to Black Morocco, which was also exhibited, and was produced under the same circumstances; **Raisin de Calabre,** inferior; **Black Morocco,** inferior; **Syrian,** sweet, and decidedly the best white grape in the collection now produced; **Panse Jaune,** a bad setter, and inferior in flavour; **Trebbiano,** inferior; **Catalenesia Nera,** inferior; **Alicante Preta,** very hard firm flesh, not to be recommended; **Gros Panse,** without flavour; **Prune d'Hérault,** without flavour; **Malaga,** very inferior in flavour.

PEARS.—From the Society's garden: a collection of 28 dessert varieties, all of which in ordinary seasons are classed among the best melting pears; on account of the late unseasonable summer, however, they generally proved very inferior in flavour. The varieties which exhibited the greatest merit in this respect were:—**Princess Charlotte,** which was very excellent; **Comte de Lamy; Beurré d'Aremberg; Fondante de Malines; Belle Julie; Maréchal de la Cour; Eyewood; Knight's Monarch; Leopold 1st;** and **Baronne de Mello.**—From Mr. STANLEY, Manor Lane Nursery, Lee: large and handsome specimens of **Marie Louise** from a standard.—From Mr. McLELLAN, West Lodge, Barnet: **Beurré Bosc,** small, crisp, gritty, and inferior in flavour.

APPLES.—From J. B. GLEGG, Esq., F.R.H.S., Withington

Hall, near Chelford, Congleton: a very large green Apple, measuring 12 inches in circumference, of an oblate shape, and with five very prominent ribs, which extended to the crown, and formed five prominent ridges. It was considered a valuable kitchen apple, and the Secretary was requested to apply for grafts for the garden. The specimens weighed each 10 ounces.—From Mr. WALTER REID, Sydenham Hill: a Seedling Apple from a tree discovered six years ago growing in a hedgerow. The fruit was of medium size, conical, even, and regular in shape; the skin of a deep yellow colour; the flesh firm, crisp, and juicy, but without any remarkable character. The fruit considerably resembled the Golden Noble.—From Mr. RICHARD WEBB, Reading: a Seedling which bore a near resemblance to Kerry Pippin, and was not considered an improvement on that variety.

RASPBERRIES.—From Mr. RIVERS, F.R.H.S., Sawbridgeworth: branches of his **October Red** and **October Yellow,** full of fruit, the flavour of which was excellent.

NUTS.—From Messrs. JOHN and CHARLES LEE, Hammersmith: specimens of a large nut called **Monstrous Cob.** The nuts were over an inch long, and very well filled. It had some resemblance to the Spanish.—Mr. WEBB, Reading, exhibited a dish of Cob Nuts, part of the produce of one tree, little more than forty years old, which this season bore 110 lbs., and employed five men three hours each in gathering the crop.

COLLECTIONS.—A large collection of fruit, consisting of Apples and Pears, received from the East York Committee, could not be examined in consequence of the great quantity of more perishable fruit present at the meeting, and it was therefore sent to the fruit-room at Chiswick, in order to be brought forward at the next meeting.

LEEKS.—From Mr. TURNER, F.R.H.S., Slough: specimens of **Henry's Scotch Hybrid,** grown at Broomhouse, near Dunse, N. B. These were very fine, the white or blanched part measuring 10 inches long, and $6\frac{3}{4}$ inches in circumference.

PARSLEY.—From Mr. WILLIAM HARRIS, gardener to R. H. CHENEY, Esq., Badger Hall, Shiffnal: a sample of Curled Parsley, which was considered too coarse to be recommended.

December 11*th*—F. J. GRAHAM, Esq., *in the Chair.*

A considerable variety of fruit was on this occasion produced:—

PINEAPPLE.—From CONRAD LODDIGES, Esq., F.R.H.S., Hackney: a handsome fruit of the **Queen,** weighing 3lbs. It

had been grown in a house all the summer without fire-heat. The pots in which the plants were grown stood on inverted pots over a tank, and it was not till late in the autumn that a little heat was given on damp cold days.

GRAPES.—From Mr. HENRY GADD,. gardener to Lord MIDDLETON, F.R.H.S., Wollaton Hall, Nottingham: a bunch of **White Tokay.** Mr. Gadd stated that he found this a most excellent grape for hanging on the vine; when well ripened he had kept the fruit in fine condition until the end of March. The clusters now exhibited had white roundish berries, of a firm consistency, and with little flavour.

PEARS.—From Mr. McKELVIE, Stevenstone, near Torrington: a Seedling Pear, the seed producing which was sown in 1844. The fruit, produced for the first time in 1854, was at first considered worthless, but five years ago its flavour improved; this induced the raiser to watch it more carefully, and it has since been considered worthy of careful preservation. The variety has been called the **Stevenstone.** The fruit was rather small, of the size of Citron des Carmes, and of a turbinate shape; the skin rough to the touch, covered with a coating of orange or reddish brown russet, like Beurré de Capiaumont, and having also large grey spots; the flesh was rather woody or gritty at the core, but very juicy, sweet, and richly flavoured, having the high aroma of the Seckle. Ripe in December. This was awarded a FIRST CLASS CERTIFICATE.

The Committee then proceeded to the examination of the collections of Pears forwarded from East Yorkshire by the local committee which met at Malton on the 9th of November, 1860, as follows:—From C. W. STRICKLAND, Esq., F.R.H.S., Hildenley: **Duchesse d'Angoulême,** west wall; **White Doyenné,** west wall, decayed; **Althorp Crassane,** west wall, pretty good; **Old Colmar,** west wall, cracked and inferior; **Marie Louise,** south wall at Rise, inferior; **Ne Plus Meuris,** east wall at Wassand, large fine fruit, crisp, not quite ripe; **Duchesse d'Angoulême,** east wall at Wassand, large and handsome, crisp, no flavour; **Black Achan,** east wall at Wassand, juicy, sweet, and good; **Beurré Diel,** east wall at Wassand, very good and highly flavoured; another, named Eyewood, incorrect, and not known.—From Mr. PETER DAVIDSON, gardener to F. BELL, Esq., Thirsk: **Marie Louise,** south wall, melting, rich, and juicy; also from a west wall, melting, rich, and of good flavour, but inferior to the preceding: **Winter Nelis,** south wall, very rich, melting, juicy, and excel-

lent; **Beurré Bosc,** south wall, quite melting, very juicy, sweet, and well flavoured, excellent for the season; **Ne plus Meuris,** south wall, of good size, cold, inferior, and lacking in flavour; **Glou Morceau,** south wall, pretty good; **Moorfowl's Egg,** standard, inferior; an unnamed standard fruit, having the appearance of Hessle; **Comte de Lamy,** south wall, most delicious, and of good size; **Dunmore,** standard, decayed; **Louise Bonne,** standard on quince stock, very small, watery and inferior; **White Doyenné,** standard, proved to be Red Doyenné, coarse in texture, crisp, and very inferior, but with high aroma; **Winter Windsor,** standard, quite crisp; **Passe Colmar,** standard, juicy, sweet, and pretty good, of good size, and remarkable from a standard so far north; **Old Colmar,** standard, melting, juicy, sweet, and very good,—is it not Beurré de Rance, if from a standard? **Beurré Diel,** west wall, coarse and inferior in flavour; **Easter Beurré,** west wall, not ripe; **Black Worcester** and **Marquise,** both from standards at Thirkelby.—From Mr. SLATER, Malton: **Fondante d'Automne,** decayed; **Passe Colmar,** standard, small, inferior; **Marie Louise,** standard, good; **Flemish Beauty,** standard, decayed; **Dutch,** proved to be Marie Louise; **Comte de Lamy,** excellent; **Beurré d'Aremberg,** standard, small and inferior; **Old Colmar,** standard, very much cracked, and acid; **Jersey Gratioli,** standard, almost melting and good; **Seckle,** south wall, very good, and of excellent flavour; **Beurré d'Amanlis,** standard, small, very poor specimens, the variety not seeming to be adapted for the climate, as a standard; **Winter Nelis,** standard, melting, but not rich, rather inferior; **White Doyenné,** standard, proved to be Red Doyenné, juicy and inferior in flavour; and an unnamed sort which proved to be **Achan,** standard, crisp, juicy, sweet, but not melting, required a better season.—From Mr. THOMAS ENGLISH, Raithwaite: **Van Mons Leon Le Clerc,** south wall, in a sheltered valley close to the sea, in deep alluvial soil, large, considerably russeted, only half melting, and not of good flavour; **Catillac;** **Louise Bonne of Jersey,** standard, small but good, cracks a good deal on clay at Malton.

From the Society's Garden there were:—**Willermoz,** half buttery, of good flavour, and aroma; **Princess Charlotte,** good, like Passe Colmar in flavour; **Oken d'Hiver,** rots without ripening, crisp; **Knight's Monarch,** sweet, of good flavour; **Pomme Poire,** inferior; **Maréchal de la Cour,** not good; **Beurré Delfosse,** very melting and sweet, but not rich in flavour; **Berga-**

motte d'Esperen, very melting, sweet, and of excellent flavour; **Dr. Trousseau,** melting, but rather astringent; **Winter Nelis,** standard, good; the same variety from a pot grown in the orchard House was remarkably rich, and far superior to that grown on a pyramid; **Beurré Bachelier,** melting, sweet, but not highly flavoured; **Beurré d'Anjou,** rather crisp, and not highly flavoured. Many of these sorts are in ordinary seasons of first rate quality, but in consequence of the late unfavourable summer and autumn they seemed to have entirely lost their usual character.

APPLES.—The following collections were sent by the East York Committee :—From C. W. STRICKLAND, Esq., F.R.H.S. : **Cumberland Favourite,** from Hildenley, stated to resemble the White Leaf or Penny Loaf, and to be an excellent baker; **White Leaf** or **Penny Loaf**; **Warner's Pippin,** espalier; an unnamed sort, which appeared to be **Cellini**; **Manks Codlin,** sent as White Pippin; **Hammer Head,** raised at Bolton Percy by Head, a blacksmith, possessing no merit superior to many other varieties; **Golden Russet,** from a standard at Boyton, on poor soil, on chalk, excellent in flavour; **Chapman's Ribston,** from a standard at Whitby, particularly fine and richly flavoured, highly approved by the Committee.—From Mr. DAVIDSON, Thirsk: **Nonsuch,** standard, very fine specimens; **King,** standard; **Manks Codlin,** standard; **Cumberland Favourite**; **Alexander**; **Gravenstein,** standard; **Golden Noble**; **Warner's Pippin**; **Northern Greening**; **White Park,** very much like London Pippin; **Golden Reinette,** north wall; **Downton Pippin,** standard; **King of the Pippins,** standard; **Eve Apple,** standard; **Royal Russet**; **Court Pendu Plat,** standard; **Boynton Pippin,** standard; **Court of Wick (?),** north wall.—From Mr. SLATER, Malton: **King**; **Cumberland Favourite**; **Warner's Pippin**; **Tanfield Red**; **Copmanthorp Crab**; **Lincoln Holland Pippin**; **Northern Spy**; **Fair Maid of Taunton**; **Scugglethorp Queening**; **Bedfordshire Foundling**; **Sturmer Pippin**; **Court of Wick**; **Blenheim Pippin.**—From Mr. ENGLISH: **White American**; **Cumberland Favourite**; **Warner's Pippin**; **Black Apple**; **Shepherd,** proved to be Northern Greening; **Squaring's,** proved to be White Calville; **Adams' Pearmain,** appeared to be Scarlet Pearmain; **Nelson Codlin**; and several unnamed sorts.

The following varieties of Apples were also examined :—From Mr. McLAREN, Cardington, near Bedford : a Seedling, the parentage of which was unknown. The tree is ten years old, growing in a sheltered situation on a deep rich black garden

mould, over a gravelly subsoil. The fruit was in shape somewhat like a medium-sized Blenheim Pippin; the skin greenish yellow on the shaded side, and marked with broken streaks of red on the side next the sun; the eye closed, and considerably depressed; the flesh tender and mellow, with a brisk flavour, but without aroma. It was a good kitchen apple, but did not possess any merit to distinguish it from others already in cultivation.—From Messrs. BRADLEY & SON, Halam, near Southwell: an Apple raised at Halam and called **Wellington.** It is, however, quite distinct from Dumelow's seedling, which is also known by the name of Wellington. Messrs. BRADLEY stated that this is considered one of the most profitable apples in cultivation, and it grows very fast and forms a handsome tree. The fruit was medium-sized, roundish, of a green colour, with a dull blush on the side next the sun; the eye prominent as well as the stalk; the flesh tender, mellow, juicy, and with an agreeable acid.—From F. J. GRAHAM, Esq., Cranford: **Court of Wick**; **Sykehouse Russet**; **Bedfont Seedling**; **Golden Reinette**; **Franklin's Golden Pippin**; and **Gooseberry Pippin.** The latter is not the Gooseberry Apple so much esteemed for kitchen use, but a small round dessert fruit of a fine yellow colour, with a blush of red on one side; the flesh is very crisp and juicy, with a rich brisk flavour.

RHUBARB.—From Mr. NEWTON, East Lodge, Enfield Chase: two pots of **Baldry's Scarlet Defiance,** a variety which has been previously before the Committee. It was thought to be too early to judge further of the merits of this variety.

VARIEGATED KALE.—From Mr. J. VEITCH, jun., F.R.H.S., Royal Exotic Nursery, Chelsea: a collection of **Melville's New Variegated Kale,** for garnishing, the colours of which were very distinct and beautifully marked. It was recommended as being very ornamental.

CABBAGE.—From Mr. MELVILLE, gardener, Dalmeny Park, near Edinburgh: two stems of a hybrid **Sprouting Cabbage,** which produces a head like the ordinary cabbage at the top of the stem, which is 6 or 8 inches high, and is furnished with numerous sprouts similar to Brussels Sprouts, but with the cabbage character instead of that of the Savoy. It originated from the Dwarf Cabbage, crossed with Brussels Sprouts. This was submitted to a sub-committee to have its merits tested and reported on at the next meeting. Mr. Melville also exhibited two heads of a cabbage which he calls **Fearnought,** as no frost or wet will affect it. It had all the appearance of being a very hardy variety, and to have

originated from the old Scotch Grey, but the Committee was not in a position to form any judgment on its merits.—Three heads of a new white variety of **Curled Scotch Kale**, and a tuft of **Curled Parsley** were exhibited from the same garden, but were not considered to possess any particular merit.

February 12, 1861. Mr. C. EDMONDS, F.R.H.S., *in the Chair*.

The following presentations to the Garden were announced :—

HENRY POWNALL, Esq., F.R.H.S.—Seeds of Ajaco or Warau, the root of which is the chief food of the natives of Champion Bay, Western Australia.

Captain TREVOR CLARKE, F.R.H.S.—Plants of three sorts of Seedling Strawberries.

Mr. WHITING, C.M.R.H.S., gardener to H. T. HOPE, Esq., F.R.H.S., the Deepdene—A plant of Black Damascus, and cuttings of Money's West's St. Peter's Grapes.

Mr. JOHN SPENCER, F.R.H.S., gardener to the MARQUIS OF LANSDOWNE, F.R.H.S., Bowood—Three Vines, and cuttings of Bowood Muscat Grape.

Mr. WILLIAM BARNES, F.R.H.S., Camberwell—A plant of Barnes's Muscat Grape.

Mr. CRAMB, gardener to the EARL OF DUCIE, V.P.R.H.S., Tortworth Park—Cuttings of Passe Muscat Grape.

Mr. DREWETT, gardener to Mrs. CUBITT, the Denbies, near Dorking—A plant of Muscat of Alexandria, and cuttings of the Denbies Trebbiano Grape.

Mr. JOHN NEWTON, East Lodge, Enfield Chase—A plant of Money's Muscat Eschollato Grape.

The proposed Local Committees for Oxfordshire and the valley of the Tweed, were approved, the operations of the latter to extend along the valley of the Tweed, from Coldstream to Melrose. They were as follows :—

OXFORDSHIRE.

Mr. BAILEY, C.M.R.H.S., gardener to G. G. HARCOURT, Esq., M.P., Nuneham, *Chairman*.

Mr. WARD, gardener to J. MURRELL, Esq., Headington Hill Gardens.

Mr. TURNBULL, kitchen gardener to His Grace the Duke of MARLBOROUGH, Blenheim.

Mr. JOHNSON, flower gardener to His Grace the Duke of MARLBOROUGH, Blenheim.

Mr. REID, gardener to the Dowager Countess of JERSEY, Middleton Park.

Mr. MAUNDERS, gardener to the Earl of ABINGDON, Wytham Abbey.

VALLEY OF THE TWEED.

Rev. R. O. BROMFIELD, Sprouston, near Kelso, N. B., *Chairman.*
Mr. THOMAS HOGG, Coldstream.
Mr. MEIN, Kelso.
Mr. ROSE, gardener to His Grace the Duke of ROXBURGH, Fleurs Castle.
Mr. WILLIAM DEANS, Jedburgh.
Mr. J. LANG, Selkirk.

It was recommended that for the information of the Fellows a list of **the Society's Collection of Fruits,** as now existing in the Garden, should be published in the Proceedings, so as to enable the Fellows and the public to judge of the Society's desiderata, and of the varieties of which scions may be obtained by application. The Secretary was instructed to have the lists prepared with as little delay as possible. (See p. 403).

The report of the Sub-Committee appointed to examine **Melville's Sprouting Cabbage** was read, and as conflicting opinions were expressed, it was agreed that Mr. MELVILLE should be requested to send a further supply; and the former Sub-Committee was reappointed to report thereon.

The following **Trial Crops** at the garden were ordered for the present year:—A collection of as many varieties of **Muscat Grapes** as can be got together, to be grown in a house expressly set apart for the purpose; **Cucumbers,** the collection of which, last season, proved a failure when grown in the pits with dung heat, to be this year grown in pots, and trained on trellises in pits heated with hot water; **Broccolis,** which last year proved a failure in consequence of the severe winter, to be again tried; **Kidney Beans, Sugar Peas, Lettuces, Beets,** and **Celery.**

The subjects exhibited consisted of the following:—

GRAPES.—A very valuable collection of late Grapes was received from the Society's Garden at Chiswick. They were grown in the great vinery, and the fruit had been allowed to hang on the vines till the first week in February, when it was cut and placed in the fruit room. The berries of all the varieties were very much shrivelled, and some had almost assumed the appearance of Raisins. They consisted of:—**Barbarossa,** quite plump and fresh, very juicy, but this season not richly flavoured; **Burchardt's Prince,** a long tapering bunch, the berries much shrivelled, very rich and vinous; **Blussard Noir,** which, though an early grape, hangs well, and when shrivelled has tender juicy flesh, rich and rather vinous, but not equal to many others; **Catalenesia Nera,** a long tapering bunch with oval berries, thick skin, and firm

flesh, very rich and vinous, but not so piquant as Burchardt's Prince; **Gros Panse,** a wine grape with firm crisp flesh without much flavour; **Morocco Prince,** bunch long and tapering, berries oval, black and shrivelled, skin tough, flesh firm, juicy, very rich, vinous and piquant, a very excellent late grape; **Muscat of Alexandria,** very fine; **Œillade précoce,** a small bunch slightly shrivelled, flesh very tender and juicy, of good flavour, but neither rich nor vinous; **Oldaker's St. Peter's,** berries shrivelled, but apt to become mouldy and fall, skin thin, flesh tender, very rich, and vinous; **Prune d'Hérault,** skin thick, flesh firm, neither juicy nor rich; **Raisin de Calabre,** a long tapering bunch, berries white, skin thin and tough, flesh tender, juicy and sweet, but neither rich nor vinous; **Verdal,** an early grape, which appears to hang remarkably well, berries shrivelled, and in sound condition, the flesh very sweet, rich and vinous.—From Mr. T. W. Booth, gardener to R. Egerton Warburton, Esq., Arley Hall, near Northwich: excellent bunches of **Muscat of Alexandria,** which had almost acquired the condition of raisins.—From Mr. Mobbs, gardener to W. B. Praed, Esq., Tyringham, near Newport Pagnell: a collection of bunches of **Early Grapes,** grown in pots, which were well coloured, and exhibited much skill in grape cultivation.

APPLES.—An excellent collection was sent from the Society's fruit-room. It consisted of upwards of twenty varieties, which were mostly kitchen sorts. The dessert kinds were either past their best, or inferior in flavour from the late unfavourable summer. Of these, **Ribston Pippin, Dutch Mignonne, Court of Wick,** and **Brickley Seedling,** were particularly noticed; but **Pomeroy** was delicate in flavour, and had a fine aroma; and **Calville Blanche,** which had been grown in a pot in the orchard-house, was most exquisite, the flesh almost as tender as that of a pear, with a rich delicate flavour and fine aroma.—A very interesting collection, illustrating the varieties cultivated in the Island of Guernsey, was received from Mr. S. Whitchurch, of Beaumont, Guernsey. It was referred to a sub-committee for examination, that the varieties might be compared with those that are now in the Society's fruit-room.—From Mr. John Robertson, Nottingham: a Seedling raised seventeen years ago at Lorenton, near Nottingham. It is below medium size, roundish, and of a uniform yellow colour; the flesh tender and briskly acid. It cooks well, but the fruit is too small for a kitchen apple.—From Mr. William Paul, F.R.H.S., Waltham Cross: a dish of **Burr Knot,**

which were very handsome and in fine condition. Also a Seedling of small size, roundish, inclining to oblate, and obscurely ribbed; skin of a uniform yellow colour, covered with large dark dots; flesh tender and briskly acid, but without any remarkable character to recommend the variety as an acquisition.—From Mr. WEAVER, gardener to Sir THOMAS BARRETT LENNARD, Belhus Park, near Romford, Essex: a Seedling, the fruit of which was large, measuring 3½ inches in diameter, and about the same in height, conical, ribbed about the eye; skin smooth, clear green with a brownish tinge on one side; flesh very tender, and with a mild acidity. When exhibited it was in excellent condition, being quite plump, and showing no appearance of shrivelling. When cooked it was found that it did not form a pulp, but retained the shape into which it is cut, had a pinky tinge, and a pleasant mild acidity. When roasted it had rather a vapid flavour; and for sauce it was not sufficiently acid. Its size and keeping property recommended it, but it had no character which rendered it preferable or superior to other varieties in cultivation. It was stated to be a cross between Emperor Alexander and Striped Bedford(?), and to have been raised about the year 1850: the tree very prolific.—From Mr. T. W. BOOTH, Arley Hall, near Northwich: a seedling dessert variety called the **Arley Apple.** It was of the smallest size, roundish, inclining to oblate, yellow on the shaded side, and with a red blush on the side next the sun. It had the appearance of having been a nice fruit, but its season was evidently past, and the Committee therefore did not consider it expedient to come to any judgment on its merits.

RHUBARB.—From Mr. NEWTON, East Lodge, Enfield Chase: stalks of **Baldry's Scarlet Defiance,** which has several times been submitted to the Committee as being an early and productive variety.

CABBAGE.—From Mr. WM. MELVILLE, gardener, Dalmeny Park, near Edinburgh: specimens of his **Fearnought Cabbage,** and **Heading Scotch Kale,** both of which were referred to a subcommittee to be examined after being cooked.

LVIII.—REPORT ON SCARLET AND OTHER BEDDING PELARGONIUMS,

GROWN AT CHISWICK IN 1860.

By THOMAS MOORE, F.L.S., F.R.H.S., *Secretary to the Floral Committee.*

The season of 1860 having proved unfavourable to these plants, it has been determined to renew the trial of them in the present season, and, as far as it can be done, to prove them also under pot culture. The brief particulars noted concerning them, and which embody the opinion pronounced by the Committee, though influenced to some extent by an exceptional season, may, nevertheless, be worth recording. They are to be understood as applying to the varieties as grown in the open air, and in many cases are derived from single plants.

The following is a summary of the varieties which the Committee adjudged to be the most desirable for cultivation:—

Series I.—PLAIN-LEAVED SCARLET PELARGONIUMS.

§ 1. *Flowers scarlet:* — Frogmore Improved, and Punch. Defiance and Wellington Hero, in addition, were commended for pot culture and for training up conservatory pillars.

§ 2. *Flowers cerise:*—Beauté de Meldoise, Lady Middleton, Le Titien.

§ 3. *Flowers rose-pink:*—Christina, Rose Queen.

§ 4. *Flowers white:*—The only variety of this colour was considered inferior.

Series II.—HORSE-SHOE-LEAVED SCARLET PELARGONIUMS.

§ 1. *Flowers scarlet:*— Baron Hugel, Captivation, Lilliput, Martin Gireau, Queen of England, Scarlet Perfection. Bishopstowe, Conway's Royalist, and New Globe were selected as good secondary sorts; while Amazon, British Flag, Compactum, and Richmond Gem were commended for pot culture or pillars.

§ 2. *Flowers cerise:* — François Chardine, Mons. Martin, Rubens, and Sheen Rival; and for pot culture, Paul Labbé.

§ 3. *Flowers salmon or flesh-colour:*—Prince Louise of Hesse; and for pot culture, Aurora and Blackheath Beauty.

§ 4. *Flowers rose-pink:*—None of the varieties in this group were considered of first-rate character.

§ 5. *Flowers blush with pink centre* :—Henri de Beaudot.

§ 6. *Flowers white* :—Madame Vaucher, and Nivea floribunda.

Series III.—Nosegay Pelargoniums.

These all have zonate leaves. The best sorts were Crystal Palace, Imperial Crimson, Pink Nosegay, and Red Nosegay. Of good secondary sorts, of larger growth, there were :—Bishopstowe Nosegay, Purple Nosegay, and Salmon Nosegay.

Series IV.—Ivy-leaved Pelargoniums.

These were all considered to be useful bedding plants for various purposes.

Series V.—Variegated-leaved Pelargoniums.

§ 1. *Leaves golden-edged* ;—Golden Chain and Lady Cottenham were pronounced to be useful varieties.

§ 2. *Leaves silver or cream-edged* :— Of the scarlet-flowered sorts : Annie, Alma, Bijou, Burning Bush, Countess of Warwick, Julia, Perfection, Scintillatum ; and for pot culture, Picturatum. Of those with cerise-scarlet or rosy-tinted blossoms : Flower of the Day and Flower of Spring, both first-class sorts. Besides the foregoing, Lilac Variegated and St. Clair, both with pink flowers, were considered useful varieties of secondary rank.

The varieties having the whitest-edged foliage were :—Alma, Bijou, Jane, Mrs. Lenox, Mountain of Light, Mountain of Snow, and Perfection.

Series VI.—Hybrid Bedding Pelargoniums.

The varieties of this group did not succeed as bedding plants in 1860.

In the following brief descriptions of the varieties, habit and colour are the chief points to which attention has been directed :—

Series I.—Plain-leaved Scarlet Pelargoniums.

§ 1. *Flowers scarlet.*

1. Collinson's Scarlet.

From Messrs. Fraser. Medium habit ; flowers scarlet, in small trusses. Inferior.*

* It may be explained that this term has been employed to express briefly the fact that superior sorts of similar character are known. It does not necessarily imply that the varieties to which it is attached are worthless.

2. **Defiance.**

From Messrs. Fraser. Vigorous habit; flowers large, in fair-sized heads, elevated on long stalks, light scarlet. A good variety for training to the pillars of greenhouse conservatories, or for pots.

3. **Emperor.**

From Messrs. Fraser. Vigorous; flowers large, bright scarlet.

4. **Frogmore Improved.**

From Messrs. Fraser. Medium and compact habit; flowers large and well formed, in fair-sized trusses, bright scarlet. One of the best sorts grown.

5. **Gen. Sir F. Williams.**

From Messrs. Low & Co. Rather vigorous in habit; flowers large, scarlet, Similar to *Punch*, but inferior to it.

6. **Goliath.**

From Messrs. Rollisson & Sons. Vigorous; flowers large, well formed, in good-sized trusses, reddish-scarlet. Inferior.

7. **Harkaway.**

From Mr. Taylor. Dwarf, slender habit; flowers narrow-petaled, in small trusses, scarlet. A useful bedding sort.

8. **Indispensable.**

From Mr. Turner. Dwarf; flowers scarlet, in small trusses. Inferior.

9. **Lamartine.**

From Mr. Scott. Medium spreading habit; flowers light scarlet, of good form. Inferior.

10. **Little David.**

From Messrs. Low & Co. Dwarf; flowers scarlet. Inferior.

11. **Lord Raglan.**

From Mr. Turner. Medium habit; flowers large and showy, in small trusses, scarlet. Inferior.

12. **Magnum Bonum.**

From Mr. Scott. Vigorous; flowers small, in compact trusses, deep scarlet. Inferior.

13. **Mrs. Bloomer.**

From Mr. Taylor. Dwarf compact habit; flowers medium-sized, scarlet. Inferior.

14. **Punch.**

From Messrs. Fraser and Mr. Taylor. Rather vigorous in habit; flowers large, scarlet. A fine variety for large beds. It appears that there are several distinct seedling forms of this variety, and that the best of them has a small white eye.

15. **Rigby's Queen.**

From Messrs. Fraser. Vigorous; flowers large, loose, bright scarlet. Inferior.

16. **Royal Dwarf.**

From Mr. Turner. Medium habit; flowers medium-sized, in small trusses, scarlet. Inferior.

17. **Scarlatina.**

From Mr. Turner, Messrs. Fraser, and Messrs. Low & Co. Vigorous; flowers large, in medium-sized trusses, bright scarlet. Inferior.

18. **Tom Thumb.**

From Messrs. Fraser. Medium or dwarfish habit; flowers scarlet. Inferior.

19. **Wellington Hero.**

From Messrs. Fraser. Vigorous habit; flowers large and well formed, in fine trusses, scarlet with white eye. A fine variety for pot culture, and for conservatories.

§ 2. *Flowers cerise or rosy-scarlet.*

20. **Beauté de Meldoise.**

From Messrs. Fraser and Mr. Turner. Moderately vigorous; flowers large, well formed, in good-sized trusses, rosy-scarlet, similar in colour to *Lady Middleton.* A very fine variety, superior to *Le Titien.*

21. **Judy.**

From Messrs. Fraser. Dwarf; flowers rosy-scarlet. Inferior.

22. **Lady Middleton.**

From Mr. Taylor and Messrs. Fraser. Moderately vigorous, compact habit; flowers large, well formed, abundant, in good-sized showy trusses, rosy-scarlet. An old variety, of good quality.

23. **Le Titien.**

From Mr. Turner. Medium habit; flowers finely formed, and growing in compact trusses, better shaped than those of *Lady Middleton*, which they resemble in their rosy-scarlet colour. A useful variety, of excellent properties.

24. **Lord John Russell.**

From Messrs. Rollisson & Sons. Dwarf spreading habit; flowers medium-sized, reddish-scarlet, deeper than the rosy-scarlet of *Lady Middleton*. It was not, however, considered a desirable variety.

§ 3. *Flowers rose-pink.*

25. **Christina.**

From Mr. Kinghorn and Messrs. Low & Co. Moderately dwarf; flowers freely produced in fair-sized trusses, deep rose-pink uniformly coloured. It is deeper coloured and dwarfer than *Rose Queen*, and is further distinguished by the absence of white from its upper petals. It is one of the best sorts of its colour.

26. **Lucea roseum.**

From Messrs. Fraser. Vigorous; flowers pale rose-pink. Inferior.

27. **Princess Alice.**

From Mr. Ingram. Medium spreading habit; flowers deep rose-pink. Inferior.

28. **Rose Queen.**

From Mr. Kinghorn and Messrs. Rollisson & Sons. Medium habit; flowers medium-sized, in moderate trusses, deep rose-pink with white base to the upper petals. It is one of the best rose-coloured sorts.

29. **Rosea compacta.**

From Mr. Turner. Dwarf compact habit; flowers small, deep rose-pink. Inferior.

§ 4. *Flowers white.*

30. **Ingram's White.**

From Mr. Scott. Medium spreading habit; flowers white. Inferior.

Series II.—Horse-shoe-leaved Scarlet Pelargoniums.

§ 1. *Flowers scarlet.*

31. **Agatha.**

From Messrs. Rollisson & Sons. Medium habit; leaves boldly zonate; flowers small, in compact trusses, scarlet. Inferior.

32. **Amazon.**

From Messrs. Fraser. Vigorous habit; leaves distinctly zonate; flowers large, well formed, in large compact trusses, on long hairy stalks, light scarlet. A good variety for pillars in conservatories.

33. **Baron Hugel.**

From Mr. Turner, Mr. Taylor, and Mr. Scott. Also known as *Conway's Princess Royal*, and *Dr. Duval.* Dwarf and spreading in habit, with distinctly zonate leaves; flowers medium-sized, in small trusses, scarlet. It appears to be an early and profuse bloomer; and producing bright-coloured flowers, and decidedly horse-shoe-marked foliage, is to be recommended.

34. **Bishopstowe.**

From Mr. Turner. Medium habit; leaves boldly zonate; flowers medium-sized, in compact trusses, bright scarlet. A good old sort.

35. **British Flag.**

From Mr. Turner and Mr. Taylor. Medium spreading habit; leaves distinctly zoned and mottled with green; flower-stalks pale-coloured; flowers large, in medium-sized trusses, light scarlet. It was considered a good and useful variety for in-door culture, in greenhouses and conservatories.

36. **Captivation.**

From Mr. Turner and Mr. Scott. Vigorous habit, with boldly zonate leaves; flowers full size, in bold long-stalked trusses, scarlet. It is similar in character to *Empress of the French*, but

the trusses are bolder, and it was pronounced a good variety of the large or vigorous habited series.

37. **Clarissa.**

From Messrs. Rollisson & Sons. Medium habit; leaves distinctly zonate; flowers small, in compact trusses, scarlet.

38. **Compactum.**

From the Society's collection. Coarse habit; leaves distinctly zonate; flowers small, in large compact trusses, scarlet. Inferior as here grown, but a good variety for in-door culture.

39. **Compactum coccineum.**

From Messrs. Fraser. Vigorous habit; leaves boldly zonate; flowers small, in compact trusses, scarlet. Similar to *Royalist* and *Bishopstowe*, but not so bright in colour.

40. **Conway's Royalist.**

From the Society's collection. Medium habit, rather spreading; leaves boldly zonate; flowers small, in compact trusses, bright scarlet. It is similar to *Bishopstowe*, but rather dwarfer, and is a useful variety.

41. **Cottage Maid.**

From Mr. Scott. Medium habit; leaves boldly zonate; flowers medium-sized, scarlet. Inferior.

42. **Empress of the Frenc h**

From Mr. Turner and Messrs. Low & Co. Vigorous habit, with boldy zonate leaves; flowers large, in bold trusses, scarlet. The variety is rather coarse, and was considered inferior to *British Flag*.

43. **Fire Queen.**

From Mr. Scott. Medium habit; leaves indistinctly zonate; flowers scarlet, of medium size, loose. An inferior sort.

44. **General Pellissier.**

From Messrs. Fraser and Mr. Scott. Medium habit; leaves distinctly zonate; flower-stalks pale; flowers medium-sized, tolerably well formed, in moderate trusses, scarlet. Inferior.

45. **Glory of Somerset.**

From Mr. Scott. Medium habit; leaves zonate. This

variety did not flower, but is said to be a dark scarlet with white eye.

46. **Ivery's Pet.**

From Mr. Scott. Medium habit; leaves boldly zonate; flowers medium-sized, scarlet. Inferior.

47. **Lilliput.**

From Mr. Turner. Very dwarf; leaves small, with distinct dark zone; flowers medium-sized, very bright scarlet. This variety proved to be a little gem.

48. **Martin Gireau.**

From Messrs. Rollisson & Sons. Vigorous; leaves distinctly zonate; flowers large, in bold long-stalked trusses, light scarlet. A good variety, with fine bold inflorescence.

49. **New Globe.**

From Messrs. Fraser. Vigorous habit; leaves boldly zonate; flowers small, in compact trusses, bright scarlet. In the way of *Bishopstowe*. The foliage is fine, and the colour of the flowers good.

50. **Orion.**

From Messrs. Low & Co. Medium habit; leaves boldly zonate; flowers medium-sized, loose, scarlet. Inferior.

51. **Queen of England.**

From Mr. Scott. Vigorous, with boldly zonate leaves; flowers large, of good shape, produced in fair-sized trusses, bright scarlet. A variety of good properties. The same variety was received under the name of *Excellence*, apparently a misnomer.

52. **Reidii.**

From Messrs. Fraser. Medium habit; leaves boldly zonate; flowers scarlet. This variety was not well in flower, but was considered inferior.

53. **Richmond Gem.**

From Messrs. Fraser and Mr. Scott. Vigorous habit; leaves slightly zonate, mottled with green; flowers light scarlet, rather loose. It is, however, a fine pot plant.

54. **Roi de Feu.**

From Messrs. Rollisson & Sons. Medium habit; leaves boldly

zonate; flowers small, in compact trusses, very bright scarlet. In the way of *Bishopstowe*, but no improvement.

55. **Scarlet Globe.**

From Messrs. Rollisson & Sons and Messrs. Low & Co. Medium habit; leaves zoned; flowers large, in fair-sized trusses, bright scarlet. Inferior.

56. **Scarlet Perfection.**

From Mr. Turner. Also called *Attraction* and *Boule de Feu*. Medium habit; leaves faintly zonate; flowers in fair-sized trusses, bright scarlet. It is a very fine variety.

57. **Scarlet Unique.**

From Mr. Ingram. Medium habit; leaves distinctly zonate, and marbled with green; flower-stalks pale; flowers small, in small trusses, scarlet. Inferior.

58. **Shrubland Scarlet.**

From Mr. Taylor. Vigorous habit; the leaves faintly zonate; flowers scarlet, in large showy heads. A variety called *Eclipse*, sent by Messrs. Fraser, appeared to be the same as this.

59. **Village Maid.**

From Messrs. Low & Co. Vigorous, with boldly zonate leaves; flowers medium-sized, in moderate trusses, rather loose, scarlet. Inferior.

§ 2. *Flowers cerise- or rosy-scarlet.*

60. **Beauty of the Parterre.**

From Messrs. Fraser. Medium habit, with indistinctly zonate leaves; flower-stalks pale; flowers small, in compact trusses, of a lively rosy-scarlet. Inferior.

61. **Cerise Unique.**

From Messrs. Fraser. Medium habit; the leaves slightly zonate; flowers small, cerise-scarlet. Inferior.

62. **Comte de Morny.**

From Messrs. Low & Co. Dwarf; leaves indistinctly zonate; flowers well-formed, in fair-sized trusses, lively cerise or rosy-scarlet. Inferior.

63. **Emperor.**

From Mr. Turner. Dwarf and vigorous; with boldly zonate leaves; flowers in small trusses, rosy-scarlet. Inferior.

64. **François Chardine.**

From Messrs. Fraser and Messrs. Low & Co. Medium habit; with boldly zonate leaves; flowers large, well formed, in medium-sized trusses, deep rosy- or salmony-scarlet. A fine variety, near to *Mons. Martin*, but having better foliage.

65. **Lady Dorothy Nevill.**

From Messrs. Rollisson & Sons. Dwarf spreading habit; leaves distinctly zonate, and mottled with green; flower-stalks pale; flowers above medium size, rather quartered, rosy- or cerise-scarlet. Inferior.

66. **Leoni.**

From Messrs. Rollisson & Sons. Medium habit; leaves distinctly zonate; flowers large, in moderate-sized trusses, cerise- or rosy-scarlet. A promising variety, but not well flowered.

67. **Mons. August.**

From Messrs. Rollisson & Sons. Medium habit; leaves distinctly zonate; flowers large, well formed, rosy- or cerise-scarlet. A promising variety.

68. **Mons. Deschamps.**

From Messrs. Rollisson & Sons. Dwarf; leaves distinctly zonate; flowers well formed, cerise-scarlet. Inferior.

69. **Mons. Martin.**

From Messrs. Rollisson & Sons, Mr. Turner, and Messrs. Fraser. Medium habit; leaves distinctly zoned; flowers large, well formed, in compact trusses, of a lively rosy-scarlet, or bright cerise-scarlet, like *Lady Middleton*. This is a fine sort, in the way of *Rubens* and *Lady Middleton*, and one well deserving of cultivation.

70. **Paul Labbé.**

From Messrs. Fraser. Medium and somewhat erect habit; leaves distinctly zonate; flowers of good size and fine form, but produced in small trusses, rosy-salmon. A fine variety for pots.

71. **Picturatum.**

From Mr. HALLY. Medium habit; leaves indistinctly zonate; flowers deep rose. This variety scarcely came into bloom.

72. **Rubens.**

From Mr. TAYLOR. Moderately vigorous; leaves zonate; flowers large, of fine form, produced in good-sized compact trusses, cerise-pink. A fine variety for all purposes.

73. **Sheen Rival.**

From Mr. KINGHORN. Medium and somewhat spreading habit, with distinctly zonate leaves; flower-stalks pale; flowers large, well formed, in bold compact trusses, cerise-scarlet. One of the best varieties in cultivation.

74. **Surprise.**

From Mr. TURNER. Dwarf, with zonate leaves, distinctly marked with mottled green; flowers medium-sized, in compact trusses, rosy-scarlet. Inferior.

75. **Talma.**

From Messrs. ROLLISSON & SONS. Medium habit; leaves slightly zonate; flowers rosy-scarlet.

76. **The Bishop.**

From Mr. SCOTT. Medium habit; a very distinct variety, the leaves green, with a yellowish-green centre, and a dark zone; flowers large, in large trusses, rather loose, rosy-scarlet; they are produced on pale-coloured stalks. Though a distinct sort, it is of inferior properties.

§ 3. *Flowers salmon or flesh-colour.*

77. **Aurora.**

From Mr. HALLY. Dwarf; leaves distinctly zonate; flowers deep salmon-pink, not well developed. The variety is evidently not adapted for open air culture in such a season as the past, though a very beautiful object for pot culture.

78. **Blackheath Beauty.**

From Mr. HALLY. Dwarf; leaves distinctly zonate; flowers pinkish-blush. This, like *Aurora*, is a beautiful little plant for pot culture, but in seasons like the past is not suited for bedding.

79. **Cherry Cheek.**

From Mr. Taylor. Vigorous; leaves large, zonate; flowers medium-sized, deep salmon-pink. Inferior.

80. **Chione.**

From Messrs. Rollisson & Sons. Medium habit; leaves distinctly zonate; flowers medium-sized, flesh-colour. Inferior.

81. **Criterion.**

From Mr. Taylor, Mr. Scott, and Mr. Turner. Moderately vigorous habit; leaves large, distinctly zonate; flowers well formed, in compact trusses, flesh-colour or blush. Ineffective, and evidently not suited for out-door culture in seasons like the past.

82. **Prince Louis of Hesse.**

From Mr. Ingram. Medium habit, with the erectish growth of *Paul Labbé;* leaves distinctly zonate; flowers large, well formed, salmon-red, paler towards the edges. This, which was grown as Seedling A, was pronounced a first-class variety of the salmon-coloured series. Mr. Ingram states that it is very pretty when grown in the shade.

83. **Kingsbury Pet.**

From Mr. Turner, Messrs. Fraser, and Mr. Scott. Medium habit; leaves distinctly zonate; flowers of good form, produced in fair-sized trusses, salmon or pinkish flesh-colour. A good variety for pot culture, but not equal to *Aurora.*

84. **Lady Emily Stanley.**

From Mr. Turner. Medium habit; leaves boldly zonate; flowers flesh-colour, in small trusses. Inferior.

85. **Madame Chardine.**

From Messrs. Low & Co. Medium habit; leaves distinctly zonate; flowers rosy-salmon. Inferior.

§ 4. *Flowers rose-pink.*

86. **Amy.**

From Messrs. Rollisson & Sons. Medium habit; leaves with distinct dark zone; flowers rose-pink, white on the upper petals. A very poor and inferior sort.

87. **Frogmore Seedling.**

From Mr. Taylor. Medium compact habit; leaves distinctly zonate; flowers narrow-petaled, deep rose-pink. Inferior.

88. **Ingram's Seedling.**

From Mr. Ingram. Medium habit; leaves faintly zonate; flowers small, rose-pink. Inferior.

89. **Minnie.**

From Messrs. Rollisson & Sons. Medium habit; leaves distinctly zonate; flowers medium-sized, in moderate trusses, deep rosy-pink, white on the upper petals. Inferior.

90. **Princess Royal.**

From Mr. Ingram. Dwarf compact habit; leaves faintly zonate; flowers small, deep rose-pink, with white on the upper petals. Inferior to others of this colour.

91. **Tom Thumb's Bride.**

From Mr. Turner. Dwarf, with slightly zonate leaves; flowers small, in small trusses, deep rose-pink, with white on the upper petals. Not equal to *Rose Queen.*

§ 5. *Flowers blush, with pink centre.*

92. **Anthony Lamotte.**

From Messrs. Low & Co. Medium habit; leaves boldly zonate; flowers medium-sized, of good form, in small close trusses, whitish with pink centre. Not equal to *Henri de Beaudot*, and paler in colour.

93. **Comte de Morny.**

From Messrs. Low & Co. Medium habit; leaves distinctly zonate; flowers small, in small close trusses, whitish, with salmon-pink centre. This was similar to *Antony Lamotte*, and quite distinct from another variety under a similar name, also contributed by Messrs. Low.

94. **Henri de Beaudot.**

From Messrs. Low & Co. Moderately vigorous in habit; leaves distinctly zonate; flowers medium-sized, in moderate-sized trusses, of good form, whitish, with a large distinct salmon-red centre. The best of the salmon-eyed light varieties.

95. **La Coquette.**

From Messrs. Rollisson & Sons. Dwarf; the leaves slightly zonate; flowers blush-white, of a deeper blush at the eye. Inferior.

96. **Skeltoni.**

From Mr. Turner, Messrs. Fraser, and Mr. Scott. Dwarf; the leaves distinctly zonate; flowers small, in small trusses, white, with blush centre. Inferior.

§ 6. *Flowers white.*

97. **Auber Henderson.**

From Mr. Scott. Dwarf; leaves slightly zonate; flowers white, of tolerably good form. It is now surpassed by other white varieties.

98. **Boule de Neige.**

From Mr. Turner. Moderately vigorous habit; leaves distinctly zonate; flowers small, of good form, white. A good variety, but inferior to *Madame Vaucher.*

99. **Lady Turner.**

From Mr. Scott. Moderately dwarf habit; leaves distinctly zonate, white. Not well developed.

100. **Madame Vaucher.**

From Messrs. Low & Co. Medium habit; leaves distinctly zonate; flowers of moderate size, well formed, produced in compact trusses, white. This was adjudged to be one of the best white sorts.

101. **Miss Emily Field.**

From Mr. Scott. Dwarf; leaves faintly zoned; flowers blush-white. Inferior.

102. **Nivea floribunda.**

From Messrs. Rollisson & Sons. Dwarf; leaves with distinct dark zone; flowers in medium-sized compact trusses, well formed, white. A good white variety, but not considered equal to *Madame Vaucher.*

The following sorts did not produce flowers:—

103. **Amy Robsart.**

From Messrs. Rollisson & Sons. Dwarf; leaves slightly zonate.

104. **Impératrice Eugénie.**

From Messrs. Low & Co. Medium habit; leaves with a distinct narrow zone.

105. **Première.**

From Messrs. Rollisson & Sons. Vigorous and coarse habit; leaves distinctly zonate.

106. **Royalist.**

From Messrs. Fraser. Leaves indistinctly zoned.

Series III.—Nosegay Pelargoniums.

107. **Bishopstowe Nosegay.**

From Mr. Taylor. Vigorous; leaves large, faintly zonate; flowers rosy-crimson, in large bold trusses. It is a good large growing sort, but was considered rather coarse.

108. **Crystal Palace.**

From Mr. Taylor. Dwarf and compact; leaves prettily marked with a narrow distinct dark zone; flowers small, pink. The flowers were not well developed, but its dwarf habit and very pretty foliage are sufficient to recommend it as a desirable variety in this section.

109. **Frewer's Nosegay.**

From Mr. Taylor. Medium compact habit; leaves zoned; flowers small, rose-coloured, in small trusses, which are not well filled.

110. **Imperial Crimson.**

From Mr. Turner. Medium habit; leaves faintly zoned; flowers loose, produced in moderate-sized heads, deep rosy-crimson. One of the best of the nosegay section.

111. **Model Nosegay.**

From Mr. Turner. Vigorous habit; leaves faintly zoned; flowers loose, in large heads, rose-colour. This was considered too coarse in habit.

112. Pink Nosegay.

From Mr. TAYLOR and Messrs. FRASER. Medium habit; leaves neatly zonate; flowers large, bright rose, in moderate-sized trusses. This is a fine variety, with flowers larger than in any other Nosegay variety grown in the collection.

113. Purple Nosegay.

From the SOCIETY'S collection. This was also received under the name of *Mrs. Vernon* and *Mrs. Colville.* Vigorous; leaves large, zonate; flowers bright rose-colour, in good trusses, but they were not well developed. It is, however, a good large growing sort, though somewhat coarse.

114. Red Nosegay.

From Mr. TAYLOR. Medium habit; leaves bright green, with faint zone; flowers reddish-crimson, in good-sized trusses. A variety of good habit, and one of the best in this section.

115. Salmon Nosegay.

From Mr. TAYLOR. Vigorous; leaves large, zonate; flowers salmon-pink, in large trusses. It is a distinct large sort, somewhat coarse.

Series IV.—IVY-LEAVED PELARGONIUMS.

These are all of spreading habit, and have loose narrow-petaled flowers. They are useful bedding sorts.

116. Golden Ivy-leaved.

Leaves having a motley edging of yellowish-green and zonate.

117. Scarlet, or Crimson Ivy-leaved.

From Messrs. FRASER. Leaves green; flowers loose, rosy-crimson.

118. Variegated Ivy-leaved.

From Messrs. FRASER. Leaves cupped, silver-edged; flowers lilac.

119. Variegated Crimson Ivy-leaved.

From Messrs. Low & Co. Leaves cupped, silver-edged; flowers pink.

120. White Ivy-leaved.

From Messrs. FRASER. Leaves green, slightly blotched in the centre; flowers large, white.

Series V.—Variegated-Leaved Pelargoniums.

§ 1. *Leaves golden or yellowish edged.*

121. **Golden Chain.**

From Mr. Scott. Leaves flat, golden-edged; not in flower. Well known as one of the most useful bedding sorts for special purposes.

122. **Lady Cottenham.**

From Mr. Turner and Mr. Scott. Medium habit; leaves flat with yellowish green edge, and faintly zonate; flowers deep pink, or rose-colour. A useful sort.

§ 2. *Leaves silvery, or creamy-edged.*

* *Flowers scarlet.*

123. **Alma.**

From Mr. Scott, Mr. Turner, Mr. Taylor, and Messrs. Fraser. Medium habit; leaves broad, flattish, white-edged; flowers medium-sized, in compact trusses, deep reddish scarlet. A first-class variety.

124. **Annie.**

From Mr. Kinghorn. Dwarf compact habit; leaves with a whitish edge; flowers large, light orange-scarlet, rather loose. It is one of the more desirable varieties, similar to that called *Flower of the Day*, but having better foliage.

125. **Bijou.**

From Messrs. Low & Co., Messrs. Fraser, and Mr. Turner. Medium habit; leaves rather convex, white-edged; flowers large, well formed, bright scarlet. This is one of the finest varieties in cultivation, and was considered to be quite A 1.

126. **Brilliant.**

From Mr. Taylor. Medium habit; this, which is a variegated sport from *Tom Thumb*, has leaves slightly edged with white, the edge more or less abortive; flowers bright scarlet. It is a useful sort.

127. **Burning Bush.**

From Mr. Hally. Dwarf; leaves convex, edged with creamy-white, and zoned with dark red, pinkish on the younger parts; flowers of good form, in fair trusses, medium-sized, light scarlet. A very excellent variety.

128. **Countess of Warwick.**

From Mr. Kinghorn, Messrs. Low & Co., and Messrs. Fraser. Medium habit; leaves rather cupped, silver-edged, with distinct dark zone; flowers medium-sized, in compact trusses, bright scarlet. It is one of the best varieties, and is good either for beds or pot culture.

129. **Jane.**

From Mr. Turner. Vigorous, with spreading one-sided habit of growth; flowers large, well formed, light scarlet. It is, however, inferior to other sorts.

130. **Julia.**

From Mr. Turner. Medium habit; leaves having a creamy edge; flowers medium-sized, in good trusses, scarlet. A distinct and good variety.

131. **Mountain of Light.**

From Messrs. Fraser. Medium habit; leaves convex, white-edged; flowers scarlet. Inferior.

132. **Mrs. Lenox.**

From Mr. Taylor. Medium habit; the growth rather one-sided; leaves with distinct white edge; flowers bright scarlet, in small trusses. It was considered to be inferior to *Alma*.

133. **Perfection.**

From Messrs. Low & Co. Medium habit; leaves flattish with broad white edge, and mottled green surface; flowers of tolerable form, in fine trusses, bright light scarlet. A variety of good properties.

134. **Picturatum.**

From Mr. Turner. Medium habit; leaves with a creamy edge and zoned with red; flowers of medium size, in compact trusses, scarlet. A pretty variety for pot culture, but apparently not suited for beds.

135. **Scarlet variegated.**

From Mr. Taylor. Medium habit; leaves cupped, with creamy or slightly silvered edge; flowers loose, crimson scarlet.

136. **Scintillatum.**

From Mr. Hally. Medium habit; leaves cupped, creamy silver-edged, and dark-zoned; flowers well formed, of medium

size, and produced in good trusses, deep scarlet. It is a very beautiful variety.

*** Flowers cerise, or light rosy-scarlet.*

137. **Attraction.**

From Mr. Kinghorn. Leaves creamy-edged, and zonate; flowers cerise-scarlet; not in good condition.

138. **Bridal Wreath.**

From Mr. Turner and Mr. Scott. Medium habit; leaves white-edged; flowers rosy-scarlet, above medium size. Inferior.

139. **Fairy Nymph.**

From Mr. Turner. Medium habit; leaves rather cupped, white-edged; flowers cerise-scarlet, in small trusses. An inferior variety.

140. **Flower of the Day.**

From Messrs. Fraser. Medium habit; leaves rather cupped, creamy-edged; flowers light or cerise-scarlet, of medium size, and good form, in fair-sized trusses. A good old useful sort.

141. **Flower of Spring.**

From Mr. Turner. Moderately dwarf habit; leaves silver-edged, and mottled with green; flowers large, of extra fine form, rosy-tinted scarlet. This is a first-class variety, fine every way.

142. **Mountain of Snow.**

From Messrs. Fraser. Medium habit; leaves concave, white-edged; flowers large, well formed, light salmony scarlet. A useful variety.

143. **Shottesham Pet.**

From Mr. Turner. Moderately vigorous; leaves cupped, silver-edged; flowers medium sized, cerise-scarlet. Inferior.

144. **Variegated Tom Thumb.**

From Mr. Scott. Dwarf; leaves white-edged; flowers small, cerise-scarlet. It is too small to be effective.

**** Flowers reddish-crimson.*

145. **Lady Granville.**

From Mr. Taylor. Moderately vigorous; leaves cupped, slightly silver-edged; flowers loose, reddish-crimson. Inferior.

**** *Flowers pink.*

146. **Lilac variegated.**

From Mr. Taylor. Moderately vigorous; leaves cupped, slightly silver-edged; flowers pink, loose, in trusses of considerable size. A distinct and useful old-fashioned sort. It was received under the name of *Peach Blossom* from Messrs. Low & Co.

147. **St. Clair.**

From Mr. Turner, Mr. Taylor, and Mr. Scott. Moderately vigorous in growth; leaves cupped, white-edged; flowers rose-pink, in compact trusses, rather indifferent in form. It is however distinct, and useful as a rose-coloured variegated-leaved sort.

148. **Silver Queen.**

From Mr. Taylor, Messrs. Low & Co., and Mr. Turner. Medium habit; leaves flattish, white-edged; flowers loose, pink, distinct in colour, but inferior.

The following did not produce flowers :—

149. **Fairy Nymph.**

From Mr. Scott. Leaves silver-edged, indistinctly zonate.

150. **Koh-i-noor.**

From Mr. Scott. Dwarf, the plant being weakly in habit; leaves silver-edged. Described as a bright scarlet.

Series VI. Hybrid Bedding Pelargonium.

This name is applied to a group having more or less resemblance in habit, foliage, and blossoms to the classes of show and fancy kinds. There are some interesting and useful varieties in this section, but during the last season they scarcely came into bloom, and they are evidently not adapted for bedding out in seasons like that of 1860. Some of them form fancy pot plants suitable for decoration.

LIX.—REPORT ON THE VARIETIES OF ACHIMENES

Grown at Chiswick, 1860.

By Thomas Moore, F.L.S., F.R.H.S., *Secretary to the Floral Committee.*

The collection consisted of upwards of 70 varieties presented by Messrs. E. G. Henderson, Messrs. Low & Co., Messrs. Parker & Williams, Messrs. Rollisson & Sons, Mr. J. Veitch, Jun., and M. Van Houtte. The plants were examined on the 2nd and 7th of August.

The genus *Achimenes* includes species and varieties which are very diverse in character, and this diversity has led to the separation of several of them, by modern writers, under various names, few of which have met with general acceptance. The species referred to *Tydæa*, which may be considered as forming an exception to the preceding remark, having differences both of habit and structure sufficient to justify their separation, form a group which is reserved for trial on a future occasion.

The present report applies chiefly to *Achimenes* proper, and the varieties enumerated therein admit of being grouped in three distinct sections, namely:—

1. Longifloræ, or those having the habit and foliage, and the large flowers with narrow tube and oblique limb, of *A. longiflora.*
2. Coccineæ, or those having the smaller foliage, and differently-formed open-throated flowers of *A. coccinea.*
3. Hirsutæ, or those having the long funnel-shaped tube, and moderately spreading limb, of *A. hirsuta.*

The comparisons as to size are made between those in each class respectively.

The varieties which the Committee adjudged to be of first-class merit were:—

§ 1. *Longifloræ:*—A. Ambroise Verschaffelt, Belmontiensis, Dentoniana, Edmond Boissier, Estelle, longiflora major, Margaritæ, patens major, Sir Trehern Thomas.

§ 2. *Coccineæ:*—A. carminata splendens, Dazzle, Dr. Buenzod, ignea, Meteor, rosea elegans, venusta.

§ 3. *Hirsutæ:*—A. Georgiana discolor, Parsonsi.

§ 1. Longifloræ.

The varieties referred here, all belong to the genus *Achimenes* as restricted by modern botanists.

1. A. Ambroise Verschaffelt.

From Messrs. Rollisson & Sons, Mr. Veitch, Messrs. Low & Co., and Messrs. E. G. Henderson & Son. The flowers of this variety are of medium size, white, strongly blotched and pencilled with radiating lines from the eye outwards, half way across the limb, the markings of a deep violet-purple. It is one of the finest varieties in cultivation.

2. A. Azurea.

From Messrs. E. G. Henderson & Son. Flowers medium sized, violet-purple, very like those of *A. Biermanni*, but paler in the throat.

3. A. Belmontiensis.

From Mr. Veitch, Messrs. E. G. Henderson & Son, Messrs' Parker & Williams, Messrs. Low & Co. Flowers large, reddish-violet, the eye yellowish dotted with crimson, and the segments crenelled. It is one of the most desirable varieties.

4. A. Biermanni.

From Messrs. E. G. Henderson & Son. Flowers medium size, violet purple, paler in the throat.

5. A. Bodneri hirsuta.

From Mr. Turner. Flowers medium-sized, rosy-purple slightly spotted in the throat, the segments entire. The habit is compact, and the leaves stained beneath with red.

6. A. Bœckmanni cœrulea.

From Mr. Veitch. Flowers medium-sized, deep reddish purple, resembling those of *A. Tugwelliana.*

7. A. Bœckmanni hirsuta.

From Messrs. Low & Co. Flowers medium-sized, ros y purple, very like those of *Bodneri hirsuta.*

8. A. Bœckmanni hirsuta cœrulea.

From M. Van Houtte. Flowers above medium size, reddish-purple ; leaves red beneath.

9. **A. Bœckmanni rubida.**

From M. VAN HOUTTE. Flowers above medium size, reddish-purple dashed with orange in the throat and slightly spotted. The leaves are red beneath, and of a narrowish or ovate lanceolate form.

10. **A. Boothii.**

From M. VAN HOUTTE. Flowers medium-sized, deep reddish purple, slightly spotted in the throat; leaves red beneath.

11. **A. Boothii violacea.**

From Mr. VEITCH. Flowers medium-sized, reddish-purple, spotted in the eye with red; leaves veined with red beneath.

12. **A. Carl Wolfarth.**

From Mr. VEITCH, Messrs. E. G. HENDERSON & SON, and Messrs. LOW & CO. Flowers medium-sized, lively rose-purple, the throat yellow, spotted with red, the tube of a pale coppery tint, and the limb crenelled. The habit is dwarf, and the leaves are red beneath. It is rather a desirable kind.

13. **A. Caspar Schinz.**

From M. VAN HOUTTE. Flowers small rosy lilac, crenelled at the margin, the eye spotted with dark brown red, and the limb white just below the eye. It is a pretty sort.

14. **A. Charles Deegan.**

From M. VAN HOUTTE. Flowers small; purple, with whitish throat, which is marked over with red dots radiating from the eye, and extending on to the purple.

15. **A. Chelsoni.**

From Messrs. E. G. HENDERSON & SON, and Mr. VEITCH. Flowers medium-sized, dull reddish purple, resembling those of *Bœckmanni rubida*, but paler.

16. **A. cordata.**

From Messrs. E. G. HENDERSON & SON. This proved to be *A. grandiflora.*

17. **A. Dentoniana.**

From Messrs. LOW & CO., Messrs. E. G. HENDERSON & SON, Messrs. PARKER & WILLIAMS, Mr. VEITCH, and Messrs. ROLLISSON & SONS. Flowers large, light grayish blue, the eye stained

with purple on the upper side and whitish beneath. The plant is like *A. longiflora* in habit. This is one of the most desirable varieties for general cultivation.

18. **A. Dr. Hopf.**

From Messrs. Low & Co., Mr. Veitch, and Messrs. Rollisson & Sons. Flowers medium-sized, white, with moderate-sized eye, clouded with purple.

19. **A. Dr. Müller.**

From Mr. Veitch, and Messrs. E. G. Henderson & Son. Flowers medium-sized, white, faintly pencilled with purple in lines radiating from the eye.

20. **A. Edmond Boissier.**

From Messrs. E. G. Henderson & Son and Messrs. Low & Co. Flowers medium-sized, white, elegantly dotted in pencilled radiating lines from the eye nearly across the limb. A very beautiful light-coloured sort.

21. **A. Estelle.**

From Messrs. Rollisson & Sons, Mr. Veitch, and Messrs. E. G. Henderson & Son. Flowers medium-sized, rosy-purple, with conspicuous whitish blotch on the lower lip beneath the eye, the limb slightly crenelled. The leaves are purplish beneath. This is a distinct and handsome variety.

22. **A. Francois Cardinaux.**

From M. Van Houtte. Flowers medium-sized, rosy-purple, crenelled at the edge, whitish and spotted on the limb beneath the eye. It is a compact-growing and free variety, of first-rate qualities.

23. **A. grandiflora.**

From Mr. Veitch. Flowers medium-sized, rosy-lilac with clear white blotch beneath the eye, the throat spotted with cinnamon; the leaves red-veined beneath. It is a variety of first-class merit.

24. **A. Jaurégiana maxima.**

From M. Van Houtte. Flowers large, white with a slight spot of purple at the upper side of the eye. It is an improved form of *A. longiflora alba* (Jauregiana), and was adjudged to be a first-class sort. The name of this variety, commonly written *Jaureguia*, is stated by Dr. Müller to be *Jauregiana.*

25. **A. latifolia pallida.**

From Messrs. E. G. Henderson & Son. This variety resembles *A. longifolia* in habit and appearance. The flowers are violet-purple, paler beneath the eye.

26. **A. Leighii.**

From Messrs. E. G. Henderson & Son. Flowers purple. The plants were weakly, so that the variety was not seen in its true character, but it appeared distinct and promising.

27. **A. Liebmanni.**

From Mr. Veitch. Flowers medium-sized, purplish-rose, whitish below the eye, and crenelled at the margin. It is of dwarfish habit.

28. **A. longiflora alba.**

From Mr. Veitch, Messrs. Rollisson & Sons, and Messrs. E G. Henderson & Son. Flowers medium-sized, white with small radiating purple eye.

29. **A. longiflora major.**

From Mr. Veitch. Flowers large, with long flattened tube, and the limb lying almost in the same plane, violet-blue, somewhat paler beneath the eye. It is of a more decided blue than *A. Belmontiensis*, and is in every way a first-class variety.

30. **A. longiflora rosea.**

From Mr. Veitch. Flowers medium-sized, reddish-violet, inferior to those of *A. Belmontiensis.*

31. **A. longiflora Warczewiczii.**

From Messrs. Rollisson & Sons. Flowers small, dull violet-purple; leaves pale-coloured.

32. **A. Louis Van Houtte.**

From Mr. Veitch. Flowers similar in colour to those of *Sir Trehern Thomas*, but inferior, whitish beneath the eye, and crenelled at the edge; leaves red beneath.

33. **A. Madame Hagnauer.**

From Messrs. Rollisson & Sons. Flowers medium-sized, deep purplish-lilac, crenelled at the edge, and finely dotted with red on a yellowish ground in the open throat.

34. **A. Margaritæ.**

From Messrs. Rollisson & Sons, Messrs. E. G. Henderson & Son, and Mr. Veitch. Flowers medium-sized, pure white. It has the habit of *A. longiflora*, and is a first-class sort. The name is sometimes written *Margarettæ.*

35. **A. patens.**

From M. Van Houtte. Flowers medium-sized, bright rosy-purple, paler beneath the eye, the tube spurred at the base. It is of compact habit.

36. **A. patens major.**

From M. Van Houtte. Flowers above medium size, the tube spurred at the base, the limb deep rosy-purple, paler beneath the eye, the upper segments rather small, as in *A. patens* itself. It was, however, adjudged to be a first-class purple variety.

37. **A. purpurea magnifica.**

From Mr. Veitch. Flowers medium-sized, deep purplish-rose, inferior to those of *Sir Trehern Thomas;* leaves red beneath.

38. **A. Sir Trehern Thomas.**

From Messrs. E. G. Henderson & Son, Messrs. Low & Co., and Mr. Veitch. Flowers medium-sized, numerous, deep purplish-rose, dashed with orange about the eye, the edges crenelled; leaves red beneath. A free-flowering variety of great merit.

39. **A. Tugwelliana.**

From Mr. Veitch. Flowers medium-sized, reddish-purple, nearly uniform throughout, slightly spotted about the eye. The habit is slender, apparently that of *A. patens.*

§ 2. Coccineæ.

The varieties included in this section belong to that group of the true *Achimenes* which have sometimes been called *Trevirana.*

40. **A. Baumanni grandiflora.**

From Mr. Veitch. Flowers large for this group, bright rosy-purple, crenelled, the throat orange-colour spotted; leaves red beneath. This is somewhat intermediate between the *Longifloræ* and *Coccineæ.*

41. **A. Carl Bouché.**

From M. Van Houtte. Flowers medium-sized, dull purplish-rose, with large open creamy throat, spotted with brown and yellowish-brown, the eye conspicuous. It is a free-blooming sort.

42. **A. coccinea picta.**

From M. Van Houtte. Flowers small, bright rosy-crimson, with an orange-coloured spotted throat.

43. **A. carminata splendens.**

From Messrs. Low & Co. Flowers large, clear, carmine-rose, crenelled, the eye orange-spotted and slightly dashed with purple. A first-class variety in this section.

44. **A. Dazzle.**

From Mr. Turner. Flowers medium-sized, deep orange-scarlet; leaves red-veined beneath. This was adjudged to be a first-class variety.

45. **A. Dr. Buenzod.**

From Mr. Turner, Mr. Veitch, and Messrs. E. G. Henderson & Son. Flowers large, with imbricating segments, rich rosy-purple, paler towards the eye, where they are speckled with red on yellow. It is of dwarfish habit, and was considered the best formed of the varieties of this section, and in every way a first-class variety.

46. **A. elegans multiflora.**

From Messrs. Rollisson & Sons. Flowers medium-sized, bright rose with a yellow spotted throat.

47. **A. Gem.**

From Mr. Turner and Messrs. Low & Co. Flowers medium-sized, light carmine-rose dashed with purple around the throat, which is yellow and dotted, the lower segments are emarginate, the lateral ones slightly crenulate; leaves red-veined beneath.

48. **A. Hofgärtner Marstrand.**

From M. Van Houtte and Messrs. Low & Co. Flowers medium-sized, deep purplish-rose, with bright yellow throat marked with distinct spots; leaves veined with red beneath.

49. **A. ignea.**

From Messrs. E. G. Henderson & Son. Flowers large, re-

flexed, light orange-scarlet, stained beneath the eye with yellow, and there spotted; leaves veined with red beneath. A first-class variety.

50. **A. Meteor.**

From Messrs. ROLLISSON & SONS, Mr. VEITCH, Messrs. LOW & Co., and Mr. TURNER. Flowers large, deep, bright rosy-scarlet flushed with purple; the throat is orange-coloured spotted with red; leaves stained and veined with red beneath. It is a very desirable variety, of first-class merit.

51. **A. Montfordii.**

From Mr. VEITCH. Flowers small, bright scarlet; leaves blotched with red beneath.

52. **A. purpurea grandiflora.**

From M. VAN HOUTTE. Flowers medium-sized, deep purplish-rose, with a yellow spotted throat; leaves red-veined beneath.

53. **A. purpurea multiflora.**

From Messrs. ROLLISSON & SONS. Flowers medium-sized, deep purplish-rose, with orange-coloured spotted throat.

54. **A. pulchella.**

From M. VAN HOUTTE. Flowers purplish-lilac, paler on the lower lip, the throat open, whitish, spotted with brown and yellowish-brown, the lower segments are crenulate; leaves very hairy.

55. **A. pygmæa.**

From M. VAN HOUTTE. Flowers small, light scarlet. The plant is an abundant bloomer, of dwarf habit; the leaves veined with red beneath.

56. **A. Reginæ.**

From M. VAN HOUTTE. Flowers medium-sized, light scarlet with orange spotted throat, the lower segments frequently streaked with white and bilobed (perhaps abnormally developed); habit dwarf.

57. **A. rosea elegans.**

From Messrs. E. G. HENDERSON & SON and Mr. TURNER. Flowers large, bright rose, having a dash of purple beneath the

throat, which is orange dotted with red. One of the best in this section.

58. **A. rosea magnifica.**

From Mr. VEITCH and Messrs. E. G. HENDERSON & SON. Flowers large, clear bright rose, dashed with purple around the throat, which is yellow dotted with red; the lower segments are crenelled, and those of the upper lip reflex so that the limb is not flat.

59. **A. Skinneri.**

From Messrs. ROLLISSON & SONS and Mr. VEITCH. Flowers small, rose colour, with yellow-spotted throat.

60. **A. splendens.**

From Mr. VEITCH. Flowers small, scarlet.

61. **A. venusta.**

From Mr. VEITCH. Flowers large, bright rosy-purple, with an open yellowish-spotted throat. A free blooming sort, and one of the best of the kinds in this section.

62. **A. violacea semiplena.**

From M. VAN HOUTTE, Messrs. E. G. HENDERSON & SON, and Messrs. ROLLISSON & SONS. Flowers dull reddish-purple, spotted with orange in the throat, and having there a slight petaloid development; leaves red beneath.

63. **A. Wendschuk.**

From M. VAN HOUTTE. Flowers medium-sized, bright purplish-rose, with orange-coloured spotted throat; leaves red-veined beneath.

§ 3. HIRSUTÆ.

This group represents the genus *Locheria* of some modern writers.

64. **A. Aurora.**

From Messrs. ROLLISSON & SONS, Mr. TURNER, and Mr. VEITCH. Flowers small, with a long tube and dull rose-coloured limb dashed with orange. It is inferior to *A. Parsonsi*.

65. **Edouard Otto.**

From Messrs. E. G. HENDERSON & SON, and Messrs. ROLLIS-

SON & SONS. Flowers rather small, with a long orange tube, and purple limb, which is tinged with orange. The plants were not well developed.

66. **A. Georgiana.**

From Mr. VEITCH and Messrs. ROLLISSON & SONS. Flowers full-sized, with rich orange-crimson funnel-shaped tube, and dull orange-stained limb, becoming more deeply orange-tinted towards the throat.

67. **A. Georgiana discolor.**

From Mr. VEITCH and Messrs. ROLLISSON & SONS. Flowers similar to those of *A. Georgiana*, but rather brighter coloured; the leaves are red beneath. It was considered the best variety of this character.

68. **A. Ghiesbreghtii.**

From Mr. TURNER. Flowers long-tubed, with small expanded limb, bright and very light orange-scarlet with yellow throat. A very distinct sort, of considerable beauty.

69. **A. Hendersonii.**

From Messrs. E. G. HENDERSON & SON and Messrs. ROLLISSON & Sons. Flowers rather small, the long tube tinted with orange, and the limb rich rose dashed with orange, and becoming orange-crimson near the throat. It is a handsome sort.

70. **A. Parsonsi.**

From Mr. VEITCH, Messrs. LOW & CO., Messrs. E. G. HENDERSON & SON, and Messrs. ROLLISSON & SONS. Flowers rich rose flushed with orange, and having an orange-yellow ring around the throat. It is somewhat intermediate in character between the *Hirsutæ* and *Longifloræ* groups. The plant is dwarf and free in habit, and the variety is one of those deserving of general cultivation.

Besides the foregoing, there were contributed a few species of distinct character which may be here briefly noticed—

71. **A. reticulata.**

From Mr. TURNER. A plant of dwarf compact habit, with neat foliage, and richly-spotted and chequered flowers, which consist of a nearly equal tube with open throat, and a nearly regular limb an inch and a quarter in diameter, of a bluish lilac,

the centre of the lobes towards the throat becoming yellowish, dotted with red: sometimes these markings are bronzy on three lobes, sometimes yellowish and confined to one of the lobes. It was adjudged to be a distinct plant, worthy of cultivation.

72. **Cyrtodeira cupreata.**

Sent as *Achimenes cupreata* by Messrs. Low & Co. A dwarf evergreen stoloniferous plant, producing comparatively large coppery tinted leaves, and small bright scarlet flowers. It is an elegant plant suitable for growing suspended in moist hot-houses.

73. **Scheeria Mexicana.**

This was sent as *Achimenes Chirita* by Messrs. Low & Co. and Messrs. E. G. Henderson & Son. It is a dwarfish erect plant, with large axillary Gloxinia-like flowers, which are crenelled at the margin, and have an open throat; the colour is violet-purple, paler in the throat, and becoming white towards the base. It is an ornamental species.

74. **Scheeria lanata.**

This was sent as *Achimenes lanata* by M. Van Houtte, and has also been called *Mandirola lanata*, *Körnickea lanata*, and *Eucodonia Ehrenbergi*. It is a dwarfish robust plant, with broad leaves clothed with soft whitish hairs, and producing near the top of the stem several large axillary flowers, which stand up above the foliage: these flowers are Gloxinia-like, of a pale bluish-lilac, white in the throat, and spotted inside. It is a pretty plant, but not very showy.

LX.—ORDINARY AND SPECIAL GENERAL MEETING, March 19, 1861.

An Ordinary Meeting of the Society was held on Tuesday, the 19th March, in the Council Room at the New Gardens, South Kensington, the Right Reverend the Bishop of Winchester in the Chair, when the following candidates were balloted for and elected Fellows, viz.:—

Amiel, Capt. Francis J. Tyssen, 13, Kensington Garden Terrace, Hyde Park, W.
Ancona, Mrs., 40, Gloucester Street, Pimlico, S.W.
Anstruther, Captain, 24, Onslow Square, S.W.
Atkinson, George, Esq., 2, Highbury Park, Highbury, N.
Aylesford, The Right Hon. the Earl of, Packington Hall, Coventry.

Bartlett, William E., Esq., 6, Bath Place, Kensington, W
Bell, Thomas John, Esq., 106 A, Westbourne Terrace, W.
Bellew, R. M., Esq., 39, Jermyn Street, S.W.
Benedict, Jules, Esq., 2, Manchester Square, W.
Berens, Miss, Sidcup, Footscray, Kent, S.E.
Bingley, Alfred, Esq., Bath Hotel, Piccadilly, S.W.
Bonhote, Thomas, Esq., 6, Sussex Gardens, Hyde Park, W.
Booth, Mrs. James, 2, Princes Gardens, W.
Booth, William Beattie, Esq., Spring Villa, New Road, Hammersmith, W.
Bosanquet, Mrs. Godfrey, 1, Bryanston Place, Bryanston Square, W., and Benham Park, Newbury.
Branston, Mrs. Robert, Denmark Hill, Camberwell, S.
Bull, William, Esq., 53, Sussex Gardens, Hyde Park, W.
Bunyon, Charles John, Esq., 4, Queen's Gate Terrace, South Kensington, W.
Byng, The Hon. W. F., 23, Down Street, Piccadilly, W.
Cabbell, Benjamin Bond, Jun., Esq., 52, Portland Place, W.
Campbell, Lady Hume, 10, Hill Street, Berkeley Square, W.
Campbell, Alexander Henry, Esq., 43, Princes Gate, South Kensington, W.
Cartwright, George K., Esq., 28, Oxford Terrace, Hyde Park, W.
Carrick, Mrs., 13, Westbourne Street, Hyde Park, W.
Cheere, Rev. George, Papworth Hall, Caxton, Royston.
Chichester, The Lord John L., 8, St. George's Place, Hyde Park Corner, S.W.
Christy, William H. A., Esq., 21, St. James's Place, S.W.
Clement, Mrs., 30, Victoria Road, Kensington, W.
Clowes, Edward, Esq., Parthenon Club, Regent Street, S.W.
Clutton, Henry, Esq., 9, Whitehall Place, S.W.
Cubitt, Joseph, Esq., 6, Great George Street, Westminster, S.W.
Daniel, Miss, 107, Eaton Square, S.W.
Deane, James Parker, Esq., D.C.L., 16, Westbourne Terrace, W.
Deane, Mrs., 16, Westbourne Terrace, W.
Devenish, James Aldridge, Esq., Rodwell, Weymouth.
Devenish, John Aldridge, Esq., Rodwell, Weymouth.
Druggan, James, Esq., 7, Grange Terrace, Michael's Grove, Brompton, S.W.
English, Mrs., Colehill House, Fulham, S.W.
Flower, Matthew, Esq., 14, Norfolk Crescent, Hyde Park, W.
Franks, John F., Esq., 18, Pall Mall, S.W.
Gaselee, Mrs. S., 106, Gloucester Terrace, Hyde Park, W.
Gibbs, Henry, Esq., St. Dunstan's, Regent's Park, N.W.
Gifford, The Earl of, 2, Wilton Street, S.W.
Godson, Augustus Frederick, Esq., 3, Dr. Johnson's Buildings, Temple, E.C.
Greg, Thomas, Esq., 86, Eaton Place, S.W.
Griffiths, The Rev. Walter, Castlenau House, Mortlake, S.W.
Guedella, Henry, Esq., 4, Southwick Place, Hyde Park, W.
Hadwen, Gaylard, Esq., Fairfield, Manchester.
Hall, Richard, Esq., 37, Great George Street, Westminster, S.W.
Hall, Mrs., 39, Gloucester Place, Hyde Park, W.
Harington, Miss Mary Hannah, Worden Hall, Preston, Lancashire.
Harrison, William, Esq., 92, Westbourne Terrace, W.
Harrison, Mrs., 92, Westbourne Terrace, W.
Harrison, Miss Emma Catherine, 92, Westbourne Terrace, W.
Harrison, Miss Sophia Elizabeth, 92, Westbourne Terrace, W.
Henderson, George William Mercer, Esq., 103, Eaton Place, S.W., and Fordell, Fifeshire.
Henderson, Mr. Arthur, Pine Apple Place, Maida Vale, W.
Hendrie, Robert James, Esq., Park Place, Leyton, Essex, N.E.

Henry, Isaac Anderson, Esq., Woodend, Perthshire, and Hay Lodge, Trinity, Edinburgh.
Hollins, Michael Daintree, Esq., Stoke on Trent.
Holmes, Mr. William, Frampton Park Nursery, Hackney, N.E.
Howard, Cosmo Richard, Esq., 32, Gloucester Place, Portman Square, W.
Howard, Miss Elizabeth Sarah, 32, Gloucester Place, Portman Square, W.
Jervois, Lieut.-Col. W. J. Drummond, R.E., 9, Southwick Crescent, W.
Jowitt, Albert A., Esq., Royds Works, Sheffield.
Keene, Rev. C. E. Ruck, 38, Charles Street, Berkeley Square, W.
Kennedy, Mrs. Clark, Princes Gardens, W.
Keppel, Mrs. Colonel, 3, Grange Terrace, Brompton, S.W.
Labalmondiere, George, Esq., 22, Whitehall Place, S.W.
Lancaster, Benjamin, Esq., 1, Princes Gardens, Princes Gate, W.
Landon, James, Esq., 88, Inverness Terrace, Bayswater, W.
Lang, Robert, Esq., Redland, Bristol.
Lindon, Henry William, Esq., 37, Bedford Place, Russell Square, W.C.; and Gawcourt, Gloucestershire.
Lowther, Mrs. Robert, 57, Queen's Gardens, Hyde Park, W.
Lucas, Charles, Esq., } Sister House, Clapham Common, S.
Lucas, Mrs. Charles, }
Lucas, Thomas, Esq., } Lower Grove House, Roehampton Lane, S.W.
Lucas, Mrs. Thomas, }
Matheson, Mrs. (of Ardross), 38, South Street, Park Lane, W.
Maurigy, Miss Marie Sophie, 1, Regent Street, Waterloo Place, S.W.
Maxwell, Wellwood, Esq., Munches, Kircudbright.
Mellish, Mrs. Charles, 26, Eaton Place, Belgrave Square, S.W.
Mellish, Miss Caroline, 26, Eaton Place, Belgrave Square, S.W.
Mellish, Miss Sophia, 26, Eaton Place, Belgrave Square, S.W.
Mellish, Miss Ursula, 26, Eaton Place, Belgrave Square, S.W.
Mickley, George, Esq., Buntingford, Herts.
Mills, T., Esq., M.P., Tolmer, Hertford.
Moore, Rev. Edward, Rector of Boughton, Malherbe, Kent.
Mordan, Mrs. Augustus, Corinth Villa, 17, Finchley New Road, N.W.
Murray, Andrew, Esq., 3, Upper Bedford Place, Kensington, W.
Murray, Lady, 11, Great Stuart Street, Edinburgh.
Neal, John, Esq., 16, St. James's Place, St. James's Street, S.W.
Norton, James, Esq., Heath Farm Villa, Putney, S.W.
Oliver, George, Esq., Arthur's Club, St. James's Street, S.W.
Paine, William D., Esq., Cockshot Hill, Reigate.
Peele, Miss Frances Jane, 2, Cromwell Place, South Kensington, W.
Peele, Miss Mary Anne, 2, Cromwell Place, South Kensington, W.
Petrie, Samuel, Esq., C.B., 46, Ebury Street, S.W.
Ranger, Wm., Esq., C.E., 39, St. George's Square, S.W.
Ravenshaw, E. C., Esq., 5, Cavendish Square, W.
Rawlinson, Aleram Lindon, Esq., Chipping Norton, Oxfordshire.
Read, Thomas, Esq., 11, Hornton Street, Kensington, W.
Read, Thomas Lawrence, Esq., 11, Petersham Terrace, Kensington, W.
Reynolds, Henry Wells, Esq., Thame, Oxfordshire.
Rogers, Edmund Southey, Esq., 11, Warwick Terrace, Belgrave Road, Pimlico, S.W.
Routh, W. De Hague, Esq., East India United Service Club, 14, St. James's Square, S.W.
Rutherford, John, Esq., 2, Cavendish Place, Cavendish Square, W.
Salomons, Mrs. Rosetta, 12, Hamilton Terrace, St. John's Wood, N.W.
Sandeman, Mrs., 2, Onslow Villas, Onslow Square, Brompton, S.W.

Schuster, Samuel Leo, Esq., 18, Queen's Gate, Hyde Park, W.
Scorer, George Castell, Esq., 181, Piccadilly, W.
Scrutton, Alexander, Esq., Blackheath Park, S.E.
Selwyn, Mrs., 63, Chester Square, S.W., and Richmond, Surrey, S.W.
Shaw, Mrs., Woodlands, Tooting, S.
Silver, Stephen William, Esq., Norwood Lodge, Crown Lane, Streatham, S.
Silvertop, Henry Charles, Minster Acres, Northumberland.
Skynner, Henry, Esq., 2, Sussex Villas, Gunter's Grove, Brompton, S.W.
Smirke, Sidney, Esq., R.A., 79, Grosvenor Street, W.
Smith, Charles Edward, Esq., Silvermere, near Cobham, Surrey.
Smith, Edmund James, Esq., 47, Avenue Road, St. John's Wood, N.W.
Smith, George, Esq., 43, Wimpole Street, W.
Smith, Henry Bowden, Esq., Conservative Club, Pall Mall, S.W.
Spiers, R. J., Esq., F.S.A., 14, St. Giles's Street, Oxford.
Symmons, William, Esq., 2, Michael's Grove, Brompton, S.W.
Talbot, The Hon. Mrs. J. C., New Falconhurst, Edenbridge, Kent.
Taylor, Mr. Thomas, Centre Row, Covent Garden, W.C.
Telford, Charles, Esq., Widmore, Bromley, Kent.
Thomas, Iltid, Esq., Hill House, Swansea.
Tomline, William, Esq., 5, Whitehall Yard, S.W.
Ullathorne, Alexander, Esq., 5, Petersham Terrace, Kensington, W.
Unna, Frederica, Mrs., Vernon Lodge, 88, Addison Road South, Kensington, W.
Vilmorin, Henry M., Paris.
Walker, J. Goldie, Esq., Carlton House, Margate.
Walker, Philip Ainslie, Esq., Field Place, Compton, Guildford.
Wanklyn, William, Esq., Greenbank, Bury, Lancashire.
Welch, John Kemp, Esq., 51, Berners Street, W.
Weston, Alexander Anderdon, Esq., 18, Rutland Gate, Hyde Park, S.W.
White, Arthur Bernard, Esq., 83, Inverness Terrace, Bayswater, W.
Wood, Frederick, Esq., The Street, Ludlow, Shropshire.
Woodfall, H. D., Esq., Dean's Yard, Westminster, S.W.
Wyndham, The Rev. W. Crole, 6, Rutland Gate, S.W.
Yool, William Alexander, Esq., 30, Gloucester Crescent, Hyde Park, W.

The Meeting then resolved itself into a

SPECIAL GENERAL MEETING.

The Secretary read the following Report to the Council, which was also distributed to the Fellows present, viz. :—

Report by the Council to the Fellows of the Society.
19th March, 1861.

The Council of the Royal Horticultural Society have called the present Special Meeting for the purpose of removing an uncertainty, which some of their number have thought to exist, as to the extent of their powers to raise money for the works of the Garden.

By a resolution come to at a Special General Meeting, held on 20th July, 1859, the Society "empowered the Council to proceed to raise the sum required for the construction of a Garden at

Kensington Gore, and if the money shall be obtained, to complete the arrangements."

The power here given seems sufficiently ample, but it may possibly be held to be controlled by a previous Report made by the Council to the Society, in which they stated that they conceived 50,000*l.* would be sufficient to complete the substantial works in the Gardens, and that not more than 40,000*l.* would be required to be raised by Debentures. They now find that a larger sum will be necessary. The probable cost will not be much less than 70,000*l.*; and, instead of borrowing 40,000*l.* on Debentures, the Council think that they will probably require to borrow 50,000*l.*

They have arranged a Supplementary Agreement with Her Majesty's Commissioners for the Exhibition of 1851, by which the additional 10,000*l.* now proposed to be borrowed may be raised on the same footing as the previous 40,000*l.*

It is not a question about procuring the money which the Council now bring before the Society. They have no difficulty about that. It is authority from the Society to take it, if it should be required, which they now wish.

They have already received nearly 40,000*l.* upon Debentures, and they now recommend to the Society to remove any doubt about their power to raise an additional 10,000*l.* by the same means, by expressly authorising them to do so.

Without such additional means they will be unable to complete the Gardens on the plans and footing which they consider advisable, and which have received the sanction of H.R.H. the President of the Society.

The following resolution was then moved by C. Wentworth Dilke, Esq., seconded by Henry Thomas Hope, Esq., and carried unanimously, viz.:—"That the Report just read be received and adopted, and that this meeting do authorise and sanction the Council to raise by Debentures or in such other mode as they may deem most advisable the further sum of 10,000*l.*, beyond the sum of 40,000*l.* already authorised to be raised upon Debentures."

On the motion of Lord John Manners, the thanks of the meeting were voted by acclamation to the Right Reverend Chairman, who returned his grateful acknowledgments for the vote of thanks. He said that he considered it an honour to fulfil the duties of any office in connection with a Society which had been

so productive of good, and which gave promise in its present condition of so much greater future usefulness. He congratulated the members on their assembling for the first time in their new hall, so admirably calculated in size and character for the accommodation of the increased numbers of the Association, and the promotion of its objects. His connection with the Society was now of long standing, and he felt a deep interest in its success, because, in his judgment, its usefulness extended not only to the higher class of gardens, but was calculated equally to influence the productions and improve the culture of the gardens of the humbler classes of society. In this point of view he thought it not inconsistent with his position to devote occasionally some of his time to the promotion of its objects.

A Ballot for the following Seeds then took place, the successful applicants being the following :—

No. 5. DIANTHUS HEDDEWIGI (double and semi-double, *new*), 40 Packets, 123 Applicants.

Beadon, Rev. F.
Berners, John, Esq.
Berens, Captain H.
Blanshard, H., Esq.
Blyth, James, Esq.
Bowden, R. C., Esq.
Bowes, John, Esq.
Brande, E. A., Esq.
Bridge, Miss.
Browne, Edwd., Esq. (Oakhill).
Butler, E. R., Esq.
Cape, Mrs. Lawson.
Cass, Fred., Esq.
Crawshay, R., Esq.
Cole, James, Esq.
Docker, Edward, Esq.
Egerton, Lord (of Tatton).
Elger, John, Esq.
Evans, Mr. Commis.
Ewer, W., Esq.
Fraser, C., Esq.
Gape, Rev. Charles.
Green, J., Esq.
Gunter, Richard, Esq.
Henry, David, Esq.
Lance, Miss L.
Loveden, Pryse, Esq.
Matheson, H. M., Esq.
Moore, Thos., Esq.
Moore, E. C., Miss.
Nicholl, Rev. E. T.
Nutting, W. James, Esq.
Orde, Sir John, Bart.
Rickards, Samuel, Esq.
Sandbach, H. R., Esq.
Smith, Jas. Scott, Esq.
Solly, S. Reynolds, Esq.
Studd, General.
Willson, John, Esq.
Wright, John, Esq.

No. 6. DIANTHUS IMPERIALIS (*new*-hybrid), 40 Packets, 122 Applicants.

Acland, Sir T. Dyke, Bt.
Akroyd, H., Esq.
Beadon, Rev. F.
Carter, Rev. W. A.
Cass, Rev. Frederick C.
Chillingworth, J. G., Esq.
Dartmouth, Lord.
Ewer, W., Esq.
Harcourt, Colonel F. Vernon.
Hailstone, E., Esq.
Hemming, Captain.
Henry, David, Esq.
Hooper, Bennet, Esq.
Ingilby, Mrs.
Ivery, J., Esq.
Johnstone, Sir J., Bart., M.P.
Jones, J. Pateshall, Esq.
Lance, Miss L.
Lindley, Dr., F.R.S.
Mangles, Robert, Esq.
Murchison, Lady.
Nicol, G. G., Esq.
Pease, J., Esq.
Pocock, Mrs.
Reeves, A. S., Miss.
Reeves, J. R., Esq.
Stuart, Colonel.
Stuart, Edwin, Esq.
Stewart, H. G. Murray, Esq.
Spearman, H. J., Esq.
Terry, W., Esq.
Tillery, W., Esq.
Usborne, T. H., Esq.
Vernon, Lord.
Walton, C., Esq., Acton.
Walker, J. N., Esq.
Ward, Captain.
Watts, Sir J.
Wells, G. G., Esq.
Wellesley, The Lady C.

No. 14. ZINNIA ELEGANS (double), 157 Packets, 241 Applicants.

Anderdon, Miss.
Arber, T. N., Esq.
Austin, H., Esq.
Baring, The Hon. Mrs.
Barchard, Mrs.
Bazley, T. S., Esq.
Bertrand, Miss.
Berners, John, Esq.
Blackstone, Josh., Esq.
Blanshard, Mrs. H.
Brande, E. A., Esq.
Booth, Mrs. J.
Bridport, The Lady.
Broadhurst, W., Esq.
Browne, E., Esq. (Oaklands).
Broadwater, R., Esq.
Butler, The Hon. C. L.
Cave, Mrs.
Clarke, J., Esq.
Cooper, R., Esq.
Courtney, C. B., Esq.
Darbeshire, S., Esq.
Dartmouth, Lord.
Deacon, Miss.
Dickinson, S., Esq.
Dilke, Ashton, Esq.
Dilke, C. Wentworth, Esq.
Dilke, Charles W., Esq.
Dorin, Mrs.
Egerton, Wm., Esq.
Erle, Lady.
Field, John, Esq.
Filmer, The Dowager Lady.
Finnis, Alderman.
Fisher, John, Esq.
Fletcher, J. C., Esq.
Fletcher, W., Esq.
Forbes, Mrs. E.
Fortey, T. W. J., Esq.
Fox, General.
Frazer, C., Esq.
Gape, Rev. C.
Gillow, W., Esq.
Glegg, J. B., Esq.
Good, J. H., Esq.
Grey, Rev. J. E.
Grissell, Thomas, Esq.
Gunter, R., Esq.
Gwyn, Howell, Esq.
Hailstone, E., Esq.
Harcourt, Colonel.
Harman, T. R., Esq.
Heath, Rev. J. M.
Heatley, G. H. Tod, Esq.
Hemming, W., Captain.
Henderson, Dr.
Heyworth, Rev. J.
Hibbert, E., Esq.
Hill, H., Esq.
Hoare, P. R., Esq.
Hodgkinson, G., Esq.
Hope, H. T., Esq.
Hooper, B., Esq.
Hubbard, J. G., Esq.
Hutton, R., Esq.
Huyshe, Rev. J.
Hyde, Colonel.
Jefferson, Captain R.
Jarvis, G. K., Esq.
Johnston, E., Esq.
Johnstone, Sir J., Bart., M.P.
Johnston, H., Esq.
Keating, Lady.
Keeling, Miss E.
Kelly, E. R., Esq.
Kemble, Rev. C.
Kirkland, Sir J.
Lance, J. H., Esq.
Loddiges, C., Esq.
Lawrence, Dr.
Laxton, Thos., Esq.
Lee, Sir G. P.
Lindley, Dr., F.R.S.
Long, Colonel.
Loveden, Pryse, Esq.
Loyd, W. Jones, Esq.
Mackenzie, F., Esq.
M'Queen, W. H., Esq.
Martineau, D., Esq.
Mathieson, General.
Maudslay, Mrs. J.
Maurigy, D., Esq.
Morley, S., Esq.
Munn, Major.
Nash, D., Esq.
Natusch, F. B. B., Esq.
Nevill, The Lady Dorothy.
Nicholl, Rev. E. T.
Pack, G. H., Esq., M.P.
Paget, C., Esq., M.P.
Palmer, E. H., Esq.
Parry, Miss.
Paxton, A. F., Esq.
Paxton, W., Esq.
Pease, J., Esq.
Pilgrim, C. H., Esq.
Pocock, Mrs.
Popham, F. L., Esq.
Potter, T. B., Esq.
Pringle, Miss E. B.
Randolph, Rev. T.
Reeves, Miss A. S.
Reeves, J. R., Esq.
Rigge, J., Esq.
Rigby, J. D., Esq.
Richards, E. P., Esq.
Rickards, Samuel, Esq.
Rogers, W. H., Esq.
Rogers, R., Esq.
Rosse, The Lord.
Sandars, S., Esq.
Saunders, Joshua, Esq.
Seager, J. G. G., Esq.
Sidley, Colonel.
Smith, Dr. Protheroe.
Smith, J. Scott, Esq.
Smith, H. E., Esq.
Solly, S. R., Esq.
Straith, J., Esq.
Street, W., Esq.
Stuart, C. E., Esq.
Stuart, C. P., Esq.
Stuart, E., Esq.
Stewart, H. G. Murray, Esq.
Tennison, The Lady Louisa.
Tighe, Colonel.
Tillery, W., Esq.
Tinné, J. A., Esq.
Todd, R. J., Esq.
Trevelyan, Sir W. C., Bt.
Turner, Miss E. H.
Usborne, T. H., Esq.
Venning, J. M., Esq.
Vivian, Mrs. J. H.
Wade, Mrs.
Wallis, O., Esq.
Walton, C., Esq. (Acton).
Warwick, E., Esq.
Wellesley, Henry, Esq.
Wells, G. G., Esq.
Westbrook, Mrs.
Whitmore, Mrs. C.
Wilson, F. M., Esq.
Wilson, G., Esq., F.R.S.
Windley, W., Esq.
Wood, Thomas, Esq.
Wryght, W. C., Esq.

No. 16. China Asters (7 Varieties), 100 Packets, 177 Applicants.

Acland, Sir T. Dyke, Bt.
Akroyd, H. Esq.
Baillie, Col. Hugh.
Banting, E., Miss.
Banting, M., Mrs.
Banting, Mrs. T.
Barchard, Mrs.
Baring, Hon. Mrs. F.
Blackstone, Jos., Esq.
Booth, Mrs. James.
Bridport, The Lady.
Bridge, Miss Maria.
Broadhurst, W., Esq.
Browne, E., Esq. (Oaklands).
Cass, Fred., Esq.
Campbell, C. M., Esq.
Chatfield, Mrs.
Clarke, Rev. J. C.
Clarke, James, Esq.
Clarke, J., Esq.
Cochrane, G. E., Esq.
Cole, Mrs. W. H.
Coombs, T. M., Esq.
Cox, Miss.
Crawshay, R., Esq.
Crease, Mrs. H.
Curt, J. L., Esq.
Dorin, Mrs.
Dunsford, W., Esq.
Dyer, Dr.
Erle, Lady.
Fenwick, Mrs.
Field, John, Esq.
Finnis, Alderman.
Fletcher, W., Esq.
Forbes, Mrs. E.
Franklyn, Rev. T. W.
Goding, Miss S.
Godson, S. Holmes, Esq.
Grantley, Lord.
Haines, A., Esq.
Hanbury, R., Esq.
Harcourt, Colonel.
Heatley, G. H. Tod, Esq.
Heyworth, Rev. J.
Howe, F., Esq.
Hubbard, J. G., Esq.
Jeakes, William, Esq.
Jarvis, Sir Raymond.
Keating, Lady.
Kidd, D., Esq.
Kirkland, Sir J.
Lacon, Sir E., Bart., M.P.
Laing, Mrs. Seton.
Lindley, Dr., F.R.S.
Little, Dr.
Loddiges, C., Esq.
Lyell, Sir C.
Mac-Tie, A. W., Esq.
Marshall, Mrs.
Manners, Lord John.
Martineau, D., Esq.
Matheson, General.
Matheson, H. M., Esq.
Meynell, Thomas, Esq.
Middleton, Thos., Esq.
Oates, J., Esq.
Paget, C., Esq., M.P.
Portman, Lord.
Potter, T. B., Esq.
Pringle, Miss E. B.
Reeves, J. R., Esq.
Ricardo, Mortimer, Esq.
Rigge, J., Esq.
Rickards, Samuel, Esq.
Rogers, R., Esq.
Rosher, E., Esq.
Sandbach, H. R., Esq.
Sandeman, A. G., Esq.
Sandars, S., Esq.
Saunders, T. B., Esq.
Savage, Mrs.
Scarbrough, Lord.
Shakespear, William, Esq.
Spearman, H. J., Esq.
Smith, H. E., Esq.
Smith, Dr. Protheroe.
Smith, J. Scott, Esq.
Snook, Miss A. L.
Taylor, Mrs. A.
Tinné, J. A., Esq.
Turner, Miss E. H.
Walcot, Mrs.
Walton, J. C., Esq.
Ward, J., Esq.
Waterlow, Mrs. H. B.
Weston, A. A., Esq.
Whitmore, Mrs. C.
Whiteman, J. C., Esq.
Wilson, Colonel.

No. 17. China Asters (7 Varieties, 4 of which Dwarf), 125 Packets, 141 Applicants.

Akroyd, H., Esq.
Arber, T. N., Esq.
Baillie, Colonel Hugh.
Barchard, Mrs.
Barchard, E., Esq.
Barnes, Keith, Esq.
Bebb, J., Esq.
Berens, Mrs.
Blyth, J., Esq.
Brodie, W., Esq.
Browne, E., Esq. (of Oaklands).
Buckland, Rev. M. H.
Butler, E. R., Esq.
Campbell, A., Esq.
Cape, Mrs. Lawson.
Cave, Mrs.
Chapman, Mrs. Thos.
Clark, Rev. J. C.
Clutton, John, Esq.
Clutton, Mrs. J.
Clutton, Miss E. M.
Cole, James, Esq.
Crabbe, Mrs. Eyre.
Darbeshire, S. D., Esq.
Dartmouth, Lord.
Dent, J., Esq.
Dickinson, S., Esq.
Docker, E., Esq.
Drax, J. S. W. S. E., Esq.
Dunsford, W., Esq.
Dyer, Dr.
Forbes, Mrs. E.
Fortey, T. W. J., Esq.
Foster, T., Esq.
Goding, Miss S.
Good, J. H., Esq.
Gott, W. E., Esq.
Gray, Rev. J. E.
Gray, Captain W.
Green, E. B., Esq.
Haines, A., Esq.
Hailstone, E., Esq.
Harcourt, Colonel.
Harrison, Mrs. J. P.
Harrington, Mrs.
Headley, R., Esq.
Hedges, J. K., Esq.
Henderson, Dr.
Henry, D., Esq.
Hepburn, Rev. F. R.

Hesketh, J., Esq.
Hobbs, W. F., Esq.
Hodgkinson, G., Esq.
Horton, The Lady Wilmot.
Houblon, A., Esq.
Hously, Mrs.
Ingilby, Mrs.
Jeakes, William, Esq.
Jefferson, Captain R.
Jervis, G. K., Esq.
Johnson, H., Esq.
Jones, Mrs. Inwood.
Keeling, Miss E.
Kinnersley, E., Esq.
Laing, Mrs. Seton.
Legge, The Lady C.
Lloyd, C., Esq.
Lindley, Dr., F.R.S.
Loyd, W. Jones, Esq.
Mackenzie, F., Esq.
Mangles, Captain.
Massey, T. H., Esq.
Maudslay, Mrs. J.
Morrell, J. S., Esq.
Nevill, The Lady Dorothy.
Nicol, G. G., Esq.
Norton, J. Emmett, Esq.
Paget, C., Esq., M.P.
Parry, Miss.
Peach, J. J., Esq.
Phelps, Miss S.
Pope, W. A., Esq.
Popham, F. L., Esq.
Portman, Lord.
Potter, T. B., Esq.
Prince, John, Esq.
Pringle, Miss E. G. V.
Reeves, T. J., Esq.
Richards, E. P., Esq.
Richardson, T. S., Esq.
Rickards, C., Esq.
Rigby, J. D., Esq.
Rowland, Miss.
Salt, W. H., Esq.
Sandars, G., Esq.
Sandars, S., Esq.
Schenk, Mrs.
Sidley, Colonel.
Skynner, W. H., Esq.
Sladden, John, Esq.
Smith, J. Scott, Esq.
Solly, S. R., Esq.
Street, W., Esq.
Stuart, W., Esq.
Studd, Major-General.
Taber, John, Esq.
Terry, W., Esq.
Todd, R. J., Esq.
Trevelyan, Sir W. C., Bart.
Tull, H., Esq.
Turnbull, H. B., Esq.
Usborne, T. H., Esq.
Venning, J. M., Esq.
Vernon, Lord.
Wade, Mrs.
Walcot, Mrs.
Walker, H., Esq.
Ward, Mrs. H. B.
Waterlow, Mrs. H. B.
Watts, Sir J.
Wells, G. G., Esq.
Wellesley, H., Esq.
Woodd, B. T., Esq., M.P.
Wylde, Major-General
Wynn, Mrs. Brownlow.

Of the following Seeds there was a sufficient supply for all applicants, viz.:—

1. Dwarf German ten-week Stock (12 varieties).
2. Large flowering dwarf German ten-week Stock (10 varieties).
3. Calliopsis Cardaminefolia (hybrid).
4. Dianthus Heddewigi (fine—mixed).
7. Dianthus Chinensis nanus, *var.* atrosanguineus (double)
8. Phlox Drummondi, *var.* Radowitzii.
9. Lychnis Haageana.
10. Chrysanthemum acaule.
11. ,, Burridgeanum.
12. ,, venustum.
13. Coreopsis nana, *var.* marmorata.
15. Lobelia Erinus, *var.* marmorata.

LXI.—REPORTS OF THE FLORAL COMMITTEE.

(*Continued from p.* 400.)

March 12, 1861.—*The* Rev. Joshua Dix *in the Chair.*

The following donations were announced:—

Messrs. Carter & Co., High Holborn—52 sorts of Annuals, various; 12 varieties of Camellia-flowered Balsam, 10 varieties of Stock, and 75 varieties of Asters.

Richard Frankum, Esq., F.R H.S.—24 sorts of Cape Seeds.

Messrs. E. G. Henderson & Son, St. John's Wood—22 sorts of Annuals, various; and 58 varieties of Asters.

Mrs. Henfrey—Seeds from Natal.

Lady Murchison, F.R.H.S.—Seeds of an Australian plant.

Messrs. Parker & Williams, Holloway—5 sorts of Annual Flower Seeds.

Mr. W. Thompson, Ipswich—14 sorts of Annual Flower Seeds.

Mr. C. Turner, F.R.H.S., Slough—15 sorts of Annual Flower Seeds.

The subjects exhibited on this occasion were as follows:—

Agathea cœlestis, fol. variegatis:—from Mr. Bull, nurseryman, King's Road, Chelsea. This was a dwarf-habited, and distinctly variegated variety of the well-known *Agathea cœlestis*, and was adjudged to be a valuable plant for flower-garden beds. It was awarded a First-Class Certificate.

Rhododendron præcox: — from Mr. J. Davis, Larkfield Nursery, Wavertree, near Liverpool. This was a new hybrid Rhododendron, which had been forwarded for exhibition on February 12th, but had not been delivered in time for the meeting. The plant was stated to be a hybrid, raised from *R. atrovirens*, crossed with *R. ciliatum*, and had every appearance of having been obtained in this way. It formed a dwarf erect openly-branched shrub, of a couple of feet in height, with slender twigs leafy at the end. The leaves were small, from one to nearly two inches long, oblong-oval acute, deep green, rugosely veined, and sparingly ciliated. The flowers grew in small terminal heads of two or three together, and were of a light rosy-lilac, about two inches in diameter, forming a shallow expanded

self-coloured cup, with rounder overlapping obtuse and slightly undulated lobes. Mr. Davis stated that the hybrid had proved perfectly hardy, having been grown for two years in the open ground without the slightest injury from frost; and that in this situation, it formed a dwarf bush, with dark-green leaves about the size of those of the myrtle, flowering about the end of March in great abundance, the blossoms as large as a moderate-sized Indian Azalea. The plants, he continued, "will be found invaluable for forcing, from the fact that they may be got in flower at any time desired in the winter months, merely by placing them in a greenhouse. The flowers last more than three weeks after expansion, and from the peculiar odour of its foliage, which it inherits from its mother, not a green fly will live upon it." Additional cut specimens were on this occasion exhibited, and guided by these, which were in a somewhat damaged condition, the Committee awarded a card of COMMENDATION.

Taxus baccata :—from Mr. W. PAUL, Cheshunt Nurseries, Waltham Cross. This was a collection of distinct varieties of Yew, and the plants were accompanied by a communication (see p. 491), in which their habits and peculiar characteristics were explained. A SPECIAL CERTIFICATE was awarded to Mr. PAUL for this collection, and communication. The varieties produced were the following:—

§ 1. SPREADING IN HABIT: 1. *T. baccata*, 2. *T. b. fructu-luteo*, 3. *T. b. nigra*, 4. *T. b. procumbens*.

§ 2. PYRAMIDAL OR COLUMNAR IN HABIT: 5. *T. b. fastigiata*, 6. *T. b. cheshuntensis*, 7. *T. b. pyramidalis*, 8. *T. b. nidpathensis*, 9. *T. b. stricta*, 10. *T. b. nana*, 11. *T. b. erecta*, 12. *T. b. erecta Crowderi*, 13. *T. b. ericoides*.

§ 3. WEEPING IN HABIT: 14. *T. b. Dovastonii*, 15. *T. b. Jacksonii*, 16. *T. b. recurvata*.

§ 4. VARIEGATED FOLIAGE: 17. *T. b. variegata*, 18. *T. b. elegantissima*.

Dianthus hybridus multiflorus :—from Messrs. E. G. HENDERSON & SON, St. John's Wood. This was exhibited to show its adaptation for early forcing. It is a dwarfish plant, with foliage a good deal resembling that of a carnation, except in being of a green and not glaucous colour. It has branched flower-stems bearing double flowers of moderate size, and of a deep rose-pink colour, and is a useful and elegant plant for bouquets and for decoration.

Dianthus hybrids :—from Mr. WINCHESTER, flower-gardener,

Osborne. Of these only single plucked blooms were sent, so that no opinion could be formed as to the merit of the plants. They were described as the result of a cross between the common Sweetwilliam (*D. barbatus*), and *D. Heddewigii*, the latter being the seed-bearing parent. The plants were stated to partake of the character of *D. Heddewigii*, but to be more robust and hardy in constitution, and to be dwarf and prolific of flowers. The leaves sent were somewhat intermediate in size and form, and were deeply purple-stained; the flowers were of moderate size, and of rich shades of crimson and purple.

Primula sinensis striata:—from Mr. SMITH, Lorrimore Road, Walworth. This was a variety with white flowers, sparingly flaked and flecked with rose-purple; the margins were irregularly fimbriated. With this was exhibited a plant of *Cyclamen persicum rubrum*, called *rubrum magnum*.

Cinerarias:—from Mr. W. LEE, Albion Road, Hammersmith. **Snowflake,** white, with dull purple disk; **Beauty, Mary Ann,** and **Eliza,** with heavy rosy-purple tips of various shades.

Saxifraga oppositifolia major:—from Mr. T. RAWBONE, gardener to R. T. ADDERLEY, Esq., Barlaston Hall, Stone. Mr. RAWBONE stated that this fine old native plant, of which large patches full of blossoms were exhibited, was then flowering in splendid condition on the stone edgings of the terrace beds in the flower-garden at Barlaston Hall. He wrote:—

"I believe this is one of the earliest flowering Saxifrages, and not in very general cultivation, though it certainly deserves to be widely spread. As an edging plant I know nothing to equal it in beauty and profusion of bloom. It has been cultivated here for upwards of twenty years, and with Crocuses in the centre of the beds. The Crocuses we chiefly grow are yellow and white, and they certainly do contrast well with this beautiful purple Saxifrage, and are generally in great beauty at the same time. We replant some of the Saxifrage every year, and I find that growing on or over the sandstone edgings of the terrace-beds, it does remarkably well. We always pull it in small pieces before planting, which is done about September and October. I believe it will stand any sort of weather—in fact, it does so here, though the terrace is very much exposed. We contrive to keep the bedding plants from growing over it."

Clerodendron viscosum:—from Messrs. E. G. HENDERSON & SON. A free-blooming spring-flowering species, with ovate leaves, and panicles of white flowers, pinkish in the tube, and with long exserted stamens. From its free-blooming habit, it was thought that this, when in better condition, might prove a desirable plant. It was exhibited under the name of *C. viscosum*, and had also been received from the continent under that of *C. vestitum*.

Messrs. E. G. HENDERSON & SON also sent a collection of flowering plants, including numerous forms of **Cyclamen persicum**; several varieties of **Amaryllis**; the very showy **Imatophyllum miniatum**, with its fine umbels of bright flame-coloured flowers; the fragrant and beautiful white-tubed **Rhododendron jasminiflorum, Rhododendron Mrs. Dargan,** a variety with bright rose-pink undulated richly spotted flowers; **Cosmelia rubra; Mussænda frondosa**; and **Iris reticulata**, with its rich deep blue flowers, the latter sent to show that it is adapted for forcing into early bloom.

A collection of **Palms, Dracænas,** and various flowering plants was sent from the Society's garden.

March 26.—The Rev. JOSHUA DIX *in the Chair.*

The following donations were reported:—

Mr. J. N. HAAGE, Erfurt: 4 varieties of Achimenes, 27 Annuals of various sorts, 27 varieties of Asters, 16 of Stocks, and 8 of Helichrysums.

Mr. JAMES VEITCH, Jun., F.R.H.S., Chelsea: 12 kinds of Annual flower-seeds.

Mr. BENARY, Erfurt: 36 sorts of Stocks, and 5 sorts of Antirrhinums.

The subjects of exhibition on this occasion were as follows:—

Pteris cretica, *var.* **albo-lineata**:—from Mr. VEITCH, F.R.H.S., Chelsea; and Mr. W. BULL, F.R.H.S., Chelsea. A FIRST-CLASS CERTIFICATE was awarded to both exhibitors. MR. VEITCH'S exhibition consisted of an ornamented Terra-Cotta basket, filled with several young specimens of the Fern, which is one of the handsomest plants of its class yet introduced to cultivation—a variegated fern with pinnated fronds, the lower pinnæ divided, and all the parts marked with a broad white ribbon-like band down their centre. It was introduced to the Royal Gardens, Kew, a year or two since, from Java, and has been lately distributed from this source. The plant will probably prove to be cultivable in a moderately warm greenhouse, and there can be no doubt it is one of the most ornamental additions lately made to this highly beautiful and popular family.

Cattleya guatemalensis:—from Mr. VEITCH, Chelsea. This curious plant was sent by G. U. SKINNER, Esq., from Guatemala, where it had been found by him growing on the same tree with

Cattleya Skinneri and *Epidendrum cinnabarinum*: from which circumstance, and from its singular intermediate colour, it had been supposed to be a wild or natural hybrid between these species. The plant was perfectly unique, and by no means unornamental, producing numerous flowers of moderate size: the sepals purplish-tinted buff, and the petals purple with a slight suffused buff tint, while the lip, which was closely rolled, was of a deeper purple, the basal part yellow and spotted with red in lines. It was awarded a FIRST-CLASS CERTIFICATE.

Azalea Flag of Truce:—from Mr. TODMAN, gardener to R. HUDSON, Esq., Clapham Common. This was a large-flowered variety, of vigorous habit, the blossoms pure white, and well filled with petaloid filaments, forming a full semi-double flower. It is the best double white variety yet produced, and was awarded a FIRST-CLASS CERTIFICATE.

Primula sinensis (*fimbriata*) **filicifolia**:—from Messrs. E. G. HENDERSON & SON, St. John's Wood. This plant, which was one of the varieties of what are called Fern-leaved Chinese primroses, bore showy flowers of a French white colour, and presenting the usual appearance of the fringed Chinese primrose, but the foliage was quite distinct, being oblong, pinnatifid half way to the mid-rib, the lobes oblong acutish and deeply toothed in a biserrated manner. It was COMMENDED for the distinct character afforded by its ornamental leaves. The variety was stated to have been obtained casually amongst seedlings of the common fringed sort, and was found to be reproduced from the seeds true to its peculiar character.

Primula sinensis (*fimbriata*) **nivea plena**, and **rubella plena**:—from Mr. W. BULL, Chelsea. These were two semi-double varieties of the Chinese Primrose, of which it was stated that the plants obtained from seed would yield similar double flowers. The flowers themselves were less double than in some fine varieties already known, but it was thought that the present being more readily increased than the choicer varieties already mentioned, would form a useful decorative object, and a COMMENDATION was therefore awarded to both forms.

Cineraria Maid of Astolat:—from Mr. C. TURNER, F.R.H.S., Slough. This was a fine variety, with dark-coloured disk, surrounded by a zone of pure white at the base of the florets, which have a slight tip of rosy-purple, forming a narrow belt to the circular flower-head. The variety was considered to possess good properties, and was COMMENDED.

Cineraria Prairie-bird:—from Mr. TURNER. A handsome distinct-coloured variety, the flower-heads being of a deep clear violet blue, with a white ring around the disk. It was COMMENDED, especially on account of its colour.

Roses:—from Mr. TURNER. A collection of pot Roses, consisting of **H. P., Louis Quartorze**, a very hardy kind with rich velvety scarlet blossoms, deeper in colour and more double than General Jacqueminot; **John Waterer**, a new, rich, rosy-crimson; **Buffon**, and **Leonice Moise**. Also a collection of cut blooms of the following sorts:— **H. P., Queen Victoria, General Jacqueminot, Paul Ricaut, Pauline Lanzezeur, Paul Dupuy, Mrs. Rivers, Géant des Batailles, Jules Margottin, Reine des Violettes, Solferino, Eugene Appert, John, Waterer, Dunant, Louise Guilino**, and **Tea Niphetos**. Of these, **Eugene Appert** was conspicuous above the rest for its rich deep crimson colour, and **Dunant**, which is also a fine crimson, for its beautifully regular form. A SPECIAL CERTIFICATE was awarded for these collections.

Hyacinths:—from Messrs. CUTBUSH & SON, Highgate. A collection of twelve admirably grown plants, consisting of the following varieties:— *Double red*: **Koh-i-noor.** *Single red*: **Florence Nightingale, Robert Steiger.** *Single lilac*: **Prince of Wales.** *Single white*: **Mont Blanc, Grandeur a Merveille.** *Single blue*: **Charles Dickens, Baron van Tuyll, Princess Alice, Grand Lilas, Argus.** *Single black*: **General Havelock.** These were all of the first order of merit, both as regards the varieties themselves and their cultivation, and a SPECIAL CERTIFICATE was awarded to the group in conjunction with the additional collections of Hyacinths and Tulips mentioned below.—From the same exhibitors: a collection of 36 varieties, including the following sorts conspicuous for their beauty:—*Single red*: **Aurora Rutilans, Mrs. Beecher Stowe, Lina, Solfaterre, Mons. Fæsch, Robert Steiger, Von Schiller, La Dame du Lac, Cavaignac.** *Single white*: **Elfrida, Miss Burdett Coutts, Madame Van der Hoop, Lady Franklin.** *Single blue*: **Grand Lilas, Gigantea, Porcelain Sceptre, Charles Dickens, Couronne de Celle.** *Single black*: **Prince Albert, General Havelock,** *Double blue*: **Sir Colin Campbell, Bloksberg, Paarlboot.** *Double red*: **Susannah Maria, Duke of Wellington.** *Single lilac*: **Dandy.**

Tulips:—from Messrs. CUTBUSH & SON: a collection of 24, including the following single kinds:—**Bruid van Haarlem,**

Cottage Maid, Yellow Prince, Gloria Solis, White and Yellow Pottebakker, Scarlet Duc Van Thol, Canary Bird, Vermilion Brilliant, Standard Royal; and of double-flowered sorts: **Imperator, Tournsol, Yellow Tournsol,** and **Rex Rubrorum.**

The following additional subjects were exhibited:—

Calamus Verschaffeltii:—from Mr. W. Bull. A beautiful plumy Palm, introduced by M. Verschaffelt, from Madagascar. The leaves were pinnate, arching, with narrow leaflets, glaucous beneath, the stalks brownish, and clothed with long, slender spines which pointed backwards. It was much admired as a species of elegant habit, but being small and not in perfect health, it was recommended that it should be grown on, and exhibited again later in the season, when more fully developed.

Areca Verschaffeltii:—from Mr. W. Bull. Another handsome Palm from Madagascar, introduced by M. Verschaffelt. It was of more vigorous growth than the foregoing, having also pinnate leaves, and being further remarkable for having a conspicuous yellow keel to the thick rachis of the gracefully drooping leaves. An opinion having been expressed that the plant was not distinct from the *Areca aurea*, it was requested that it might be exhibited again, in company with the plant so named.

Rhodea japonica macrophylla fol. aureis marginatis:—from Mr. W. Bull. A bold-looking perennial, with broad lanceolate somewhat two-ranked and secund leaves, which in their best state were broadly margined with yellow, but on some of the leaves the margin was narrower. Before forming any judgment on this plant, it was requested that it might be shown in company with another variety sent out under the name of *Orontium japonicum*, by M. Van Houtte.

Pteris (*aspericaulis*) **rubro-nervia**:—from Mr. W. Bull. A vigorous-growing hot-house fern, with the character of an enlarged *Pteris aspericaulis*, and in addition having a rather conspicuous red midrib. It is a pretty second-class fern, but it was thought that there are already so many ferns more or less resembling this in character, and some of them, as *Pteris tricolor* and *P. argyræa*, superior to it in beauty, that, judging from this in the state in which it was exhibited, no award was necessary.

Azalea crispiflora rosea:—from Mr. Todman, Clapham. This was a bright rose-coloured variety, of good average properties, with the edges of the corolla crispy or waved, but less regularly so than in *crispiflora* itself.

Coniferous Shrub, unnamed:—from Messrs. E. G. Henderson & Son. "It has proved perfectly hardy during the past severe season, not being in the least browned or discoloured by frost. Its robust and rigid yet free healthy growth preserves a strict pyramidal outline, combined with a rich deep green colour." Such was the statement made respecting it; but though the plant was greatly admired, in the absence of a name or sufficient information to assist in its determination, no award could be made, and it was requested that it might be sent again, with further information as to its origin.

Pelargonium Scarlet Queen:—from Mr. Turner. A free-blooming horse-shoe-leaved variety, with bright orange-scarlet flowers having a white eye. It somewhat resembled *Baron Hügel*; but it was thought to be too early in the season to come to any determination on the merits of flowers of this class.

Cinerarias:—from Mr. James, gardener to W. F. Watson, Esq., Isleworth: **Lord Elgin,** a bright Magenta-coloured variety, with smooth, well-formed florets, and altogether a very promising sort; **Lord Clyde,** with the flower-heads deep rose-crimson: these were both yearling varieties.—From Messrs. F. & A. Smith, Dulwich: **Aucubifolia**, with variegated leaves, and flower-heads heavily tipped with rose; **Rosa Bouheur,** large, white, tipped with rose; **Symmetry,** white, tipped with rose; **Candidate,** reddish-purple; **Delicata,** white, with faint tip of light rose; **Lonisa,** reddish-purple, with white ring around the disk; **Sanspareil,** similar to the last, but deeper coloured; **Queen of Spring,** a full-sized and bright-coloured variety for decorative purposes, having a dark disk surrounded by a white ring, and edged with a broad belt of deep bright rosy-purple: these varieties being also yearlings, no award was made.—From Mr. Turner, Slough: **Phœbus,** a showy variety, with large, deep rose-coloured flower-heads; **Mabel,** a deep rosy-crimson, with white zone and dark disk; **Amber Witch,** large, deep rose-crimson, with small ring of white around the purple disk; **Morning Star**, bright rose, white at the base, the disk grey; **Miss Eyles,** a variety of the rosy-tipped class, which received a first-class certificate last season, and was now again shown in good condition.—From Messrs. Cutbush & Son, Highgate: **Miss Burdett Coutts,** a neat variety, with dark disk, white zone, and purplish margin.

Messrs. E. G. Henderson & Son exhibited a collection of flowering plants, consisting of **Camellia Downing,** a handsome

rose-coloured American variety; several forms of **Rhododendron ciliatum; R. nobilis; R. Princess Royal**; some curious blotched-flowered **French Pansies**, very oddly coloured; the bright rose-coloured Indian **Azalea Herzog Adolph van Nassau**; and a deep purple-rose-coloured sort, called **Princess Bathilde Van Dessau.**

Various decorative plants were furnished by Mr. EYLES from the garden of the Society.

LXII.—GENERAL MEETING, APRIL 9.

AN Ordinary Meeting of the Society was held on Tuesday, the 9th of April, in the Council Room at the Gardens, South Kensington, C. WENTWORTH DILKE, Esq., V.P., in the Chair, when the following candidates were balloted for and elected Fellows:—

Allen, Rev. Stephen, D.D., Shouldham Hall, Downham Market, Suffolk.
Allin, Mrs. Charlotte Eliza, 23, Onslow Square, Brompton, S.W.
Amos, Charles Edwards, Esq., Sutton, Surrey, S.
Amos, James Chapman, Esq., 7, York Terrace, Queen's Road, Peckham, S.E.
Arney, Colonel C.A., Senior United Service Club, Waterloo Place, S.W.
Barlow, Frederick Pratt, Esq., 26 Rutland Gate, S.W.
Barlow, Mrs. Frederick Pratt, 26 Rutland Gate, S.W.
Barlow, F. Pratt, Esq., Junr., 26 Rutland Gate, S.W.
Barlow, Miss Pratt, 26 Rutland Gate, S.W.
Barlow, Miss Florence Pratt, 26 Rutland Gate, S.W.
Beaumont, Wentworth B., Esq., M.P., 144, Piccadilly, W.
Benedict, Miss Georgiana, 2, Manchester Square, W.
Bones, Mrs. John, Clarendon House, Maida Vale, W.
Brooks, Mrs. Robert, Woodcote Park, Epsom.
Childers, Hugh Culling Eardley, Esq., M.P., 57, Eaton Square, S.W.
Clifford, Major, Albion House, St. Peter's Square, Hammersmith, W.
Cole, Mrs. John, 30, Rutland Gate, Hyde Park, S.W.
Coussmaker, Lannoy Arthur, Esq., Westwood, Guildford, Surrey.
Cox, Mrs. Lewton, 25, Gloucester Square, Hyde Park, W.
Cremer, Wm. Henry, Esq., Junr., 210, Regent Street, W.
Croll, Alex., Esq, C.E., 10, Coleman Street, E.C.
Croll, Mrs., 10, Coleman Street, E.C.
Crole, Major G. S, 6, Rutland Gate, Hyde Park, S.W.
Cumming, John Cameron, M.D., 1, Cadogan Place, S.W.
Day, Edward, Esq, 14, Chesterfield Street, May Fair, W.
Day, William, Esq., 1, Queen Street, May Fair, W.
Ducane, Captain Siborne, R.E., 13, Victoria Road, Kensington, W.
Dunbar Alexander, Esq., 32, Leinster Gardens, Hyde Park, W.
Dunbar, Mrs. Alexander, 32, Leinster Gardens, Hyde Park, W.
Easton, Edward, Esq., 49, Upper Bedford Place, W.C.
Easton, James, Esq., 25, Russell Square, W.C.
Easton, James, Esq., Junr., 42, Tavistock Square, W.C.

Easton, Dr. John, 25, Russell Square, W.C.
Easton, Miss Ellen Mary, 25, Russell Square, W.C.
Easton, Miss Louisa, 25, Russell Square, W.C.
Elwes, John Henry, Esq., 41, Portman Square, W., and Colesbourne, Cheltenham.
Fellows, Robert, Esq., Bitteswell, Lutterworth, Lancashire.
Gurney, James, Esq., Walmer House, Addison Road, Kensington, W.
Gurney, James, Mrs., Walmer House, Addison Road, Kensington, W.
Gunnell, Edward Hall, Esq., Commander R.N., Army and Navy Club, Pall Mall, S.W.
Hambro', The Baroness, Roehampton, S.W.
Harden, Mrs., 11, Onslow Crescent, Brompton, S.W.
Harker, George, Esq., Woodbury Vale, Green Lanes, Stoke Newington, N.
Hubert, Samuel Morton, Esq., St. Ann's Hill, Wandsworth, S.
Laing, Mr. John, Stanstead Park, Forest Hill, S.E.
Macdonell, Alexander Sheriff, Esq., Junior United Service Club, Charles Street, St. James's, S.W.
McKellar, Henry, Esq., Wandsworth Lodge, Wandsworth Common, S.
Madox, Henry, Esq., 22, Sumner Place, Onslow Square, Brompton, S.W.
Martyn, Mrs., 46, Thurloe Square, Brompton, S.W.
Millikin, William, Esq., 32, Elgin Crescent, Notting Hill, W.
Newton, Joseph, Esq., 30, Eastbourne Terrace, W.
Nourse, Henry, Esq., Conservative Club, 74, St. James's Street, S.W.
Parker, Henry Meredith, Esq., 3, Langham Place, Portland Place, W.
Postans, Richard Broadhurst, Esq., Brentwood, Essex.
Pottle, Mr. John, The Grove, Little Bealings, Woodbridge, Suffolk.
Roberts, Mrs. Lawrence, 21, Princes Terrace, Hyde Park, S.W.
Rothschild, Lady, 2, Grosvenor Place Houses, S.W., and Aston-Clinton, Tring.
Royds, Henry, Esq., 3, Kensington Gardens Terrace, W.
Ruddiman, Captain Thomas, Oriental Club, Hanover Square, W.
Scott, Lieutenant-General John, 1, Cromwell Road, South Kensington, S.W.
Sheppard, Lady Cotton, Crakemarsh Hall, Uttoxeter.
Sinclair, J. H., Esq., 2, Vicarage Gardens, Kensington, W.
Smith, W. Seth, Esq., Horne Wood, Walton-on-Thames, Surrey.
Smith, Mrs., 11, Hornton Street, Kensington, W.
Solomon, Leon, Esq., Dawlish, Devon.
Staples, Thomas Henry, Esq., Albion Hotel, Aldersgate, E.C.
Stevens, Valentine, Esq., Frankley House, Brook Green, Hammersmith, W.
Talbot de Malahide, Dowager Lady, 3, Lowndes Square, S.W.
Thynne, The Lord Edward, 4, Cromwell Place, South Kensington, S.W.
Tilley, Thomas, Esq., Enfield, Middlesex, N.
Verschoyle, Mrs., 116, Eaton Square, S.W.
Villiers, The Right Hon. Charles Pelham, M.P., 39, Sloane Street, Chelsea, S.W.
Webber, Mrs., 18, London Street, Paddington, W.
Webster, Lady Vassal, 31, Brook Street, Grosvenor Square, W.
Wellington, His Grace The Duke of, K.G., Apsley House, Piccadilly, W.
Wilson, Alexander, Esq., 34, Bryanstone Square, W.
Wilson, Miss Clementina, 34, Bryanstone Square, W.
Yapp, George, Esq., 83, Oakley Street, Chelsea.

A Ballot for various Plants then took place, there being a greater number of applications for each kind than there were plants to meet (excepting in the case of five out of the fifty

kinds to be distributed), and the following were the successful balloters:—

No. 1. ARDISIA CRENULATA (an ornamental stove shrub, bearing red berries), 20 Plants, 66 Applicants.

Allnutt, J., Esq.
Barnes, Keith, Esq.
Browne, E., Esq. (Oaklands).
Canterbury, The Dean of.
Cass, Fred., Esq.
Coombs, T. M., Esq.
Crawley, John, Esq.
Dilke, Ashton W., Esq.
Good, J. H., Esq.
Grantley, Lord.
Gunter, R., Esq. (Jun.)
Hunter, G. N., Esq.
Jalland, B. M., Esq.
Matheson, H. M., Esq.
Mills, Richard, Esq.
Nicholl, Rev. E. T.
Nichols, J. B., Esq.
Nicol, G. G., Esq.
Paxton, W., Esq.
Wryghte, W. C., Esq.

No. 2. GARDENIA SP. (from seeds sent to the Garden; said to be a large flowering species, Natal), 30 Plants, 197 Applicants.

Anderdon, Miss.
Anstruther, Captain.
Chalk, J. J., Esq.
Clutton, Henry, Esq.
Ellis, Wynn, Esq.
Fergus, John, Esq.
Fullerton, D., Esq.
Gold, Major-General.
Greg, Thos., Esq.
Kirkland, Sir J.
Luscombe, J., Esq.
Mackenzie, F., Esq.
Manners, Rt. Hon. Lord John, M.P.
Morrell, J., Esq.
Palmer, E. H., Esq.
Prater, Miss.
Ravenshaw, E. C., Esq.
Rawlinson, A. L., Esq.
Richardson, T. S., Esq.
Rickards, S., Esq.
Rosher, E., Esq.
Rowland, Miss.
Sibthorp, Major G. W., M.P.
Solly, S. Reynolds, Esq.
Symmons, W., Esq.
Tinné, J. A., Esq.
Watts, Sir J.
Wilson, F. M., Esq.
Windley, W., Esq.
Wood, Lieut.-Colonel.

No. 3. PELTANDRA VIRGINICA (a half-hardy herbaceous aquatic plant), 20 Plants, 48 Applicants.

Barlow, F. Pratt, Esq.
Cochrane, G. E., Esq.
Cunninghame, Miss.
Dilke, C. Wentworth, Esq.
Fladgate, W., Esq.
Hailstone, E., Esq.
Harrison, Mrs. J. P.
Lindley, Dr., F.R.S.
Mackenzie, F., Esq.
Maudslay, Mrs. J.
McQueen, W. H., Esq.
Mills, R., Esq.
Paxton, Rev. W. A.
Pringle, Miss E. G. V.
Rogers, Reginald, Esq.
Tillery, W., Esq.
Todd, R. J., Esq.
Trevelyan, Sir W. C., Bt.
Weston, A. A., Esq.
Wryghte, W. C., Esq.

No. 4. IMPATIENS JERDONIÆ (a fleshy-stemmed stove plant, with scarlet flowers), 30 Plants, 95 Applicants.

Allnutt, J., Esq.
Anstruther, Captain.
Barnes, Keith, Esq.
Benedict, Jules, Esq.
Bird, Augustus, Esq.
Blandy, J. J., Esq.
Canterbury, The Dean of.
Chillingworth, J. G., Esq.
Compton, H. C.
Crawshay, R., Esq.
Cunninghame, Miss.
Heyworth, Rev. J.
Hunter, G. M., Esq.
Keeling, E. H., Esq.
Lang, Robt., Esq.
Paxton, Rev. W. A.
Pinckney, Rev. Dr.
Pope, W. A., Esq.
Prater, Miss.
Richardson, T. S., Esq.
Rickards, C., Esq.
Rigby, J. D., Esq.
Ruck, J., Esq.
Smith, E. C., Esq.
Strickland, C. W., Esq.
Stuart, E., Esq.
Tillery, W., Esq.
Ward, H., Esq.
Wryghte, W. C., Esq.
Wyndham, Rev. W. C.

No. 5. HIBISCUS ROSA SINENSIS (scarlet-flowering stove shrub), 12 Plants, 90 Applicants.

Atkinson, G., Esq.
Benedict, Jules, Esq.
Blackstone, J., Esq.
Grantley, Lord.
Gunter, R., Esq. (Jun.)
Heath, D. D., Esq.
Hedges, J. K., Esq.
Hodgkinson, G., Esq.
Mills, Richard, Esq.
Nethercote, H. O., Esq.
Smith, C. E., Esq.
Snooke, Miss A. L.

No. 6. BOUGAINVILLEA SPECTABILIS (the finest of all stove or greenhouse creepers, with deep violet hop-like flowers), 40 Plants, 238 Applicants.

Acland, Sir T. Dyke, Bt.
Barnes, Keith, Esq.
Campbell, C. M., Esq.
Cochrane, G. E., Esq.
Crawshay, R., Esq.
Etches, W. J., Esq.
Fowler, H., Esq.
Fullerton, Mrs.
Glegg, J. B., Esq.
Gower, R. F., Esq.
Grantley, Lord.
Gwyn, Howell, Esq.
Hailstone, E., Esq.
Harper, H. G., Esq.
Howlett, G., Esq.
Jeakes, W., Esq.
Knight, Mrs.
Lutwidge, R. W. S., Esq.
Massey, T. H., Esq.
Meynell, Thomas, Esq.
Norton, W., Esq.
Packe, G. H., Esq., M.P.
Platt, Saml., Esq.
Portman, Lord.
Rosse, The Earl of.
Routh, W. D., Esq.
Salt, W. H., Esq.
Sandars, G., Esq.
Schenck, Mrs.
Scorer, G. C., Esq.
Segelcke, H. W., Esq.
Skynner, W. H., Esq.
Tillery, W., Esq.
Vardon, A., Esq.
Wade, J., Esq.
Walton, C., Esq. (Romford).
Westcar, H., Esq.
Wilson, F. M., Esq.
Wylde, Major-General.

No. 9. DRACÆNA RUMPHII (stove shrub? East Indies), 6 Plants, 78 Applicants.

Benedict, Jules, Esq.
Cape, Mrs.
Glendenning, R. P., Esq.
Kinnear, T. J.
Parkyns, Sir T., Bart.
Read, W. H. R., Esq.

No. 10. BEGONIA PALLATANTRE (stove shrub, Peru), 20 Plants, 86 Applicants.

Barnes, Keith, Esq.
Bird, A., Esq.
Canterbury, The Dean of.
Cape, Mrs.
Coombs, T. M., Esq.
Egerton, Lord (of Tatton).
Feilden, J., Esq.
Gibbs, H. H., Esq.
Gunter, R., Esq. (Jun.)
Hedges, J. K., Esq.
Hodgkinson, G., Esq.
Howlett, G., Esq.
Hunter, G. M., Esq.
Ingilby, Mrs.
Jalland, B. M., Esq.
Luscombe, J., Esq.
Meynell, Thos., Esq.
Mills, R., Esq.
Poole, H. G., Esq.
Windley, T. W., Esq.

No. 11. SPIRONEMA FRAGANS (a fragrant stove herbaceous plant, Mexico), 50 Plants, 112 Applicants.

Acland, Sir T. Dyke, Bt.
Benedict, Jules, Esq.
Buller, W. W., Esq.
Burmester, Mrs. J.
Campbell, Archd., Esq.
Campbell, Lady H.
Campbell, J., Esq.
Canterbury, The Dean of.
Cape, Mrs.
Cave, Mrs.
Charles, Wm., Esq.
Coombs, T. M., Esq.
Crabbe, Mrs. Eyre.
Egerton, Lord (of Tatton).
Ellis, Wynn, Esq.
Erne, The Earl of.
Fisher, J., Esq.
Fowler, H., Esq.
Fullerton, D., Esq.
Garrard, S., Esq.
Gower, R. F., Esq.
Grantley, Lord.
Hailstone, E., Esq.
Heath, Rev. J. M.
Hedges, J. K., Esq.
Henry, D., Esq.
Ingilby, Mrs.
Keeling, E. H., Esq.
Knight, Mrs.
Leaf, C. J., Esq.
Lloyd, J. B., Esq.
Lutwidge, R. W. S., Esq.
Maudslay, Mrs. J.
Meynell, T., Esq.
Mills, R., Esq.
Prater, Miss.
Ravenshaw, E. C., Esq.
Rosher, E., Esq.
Rosse, The Earl of.
Scarborough, Lord.
Schenk, Mrs.
Skynner, W. H., Esq.
Strickland, C. W., Esq.
Stuart, Edwin, Esq.
Stuart, Wm., Esq.
Tillery, Wm., Esq.
Walker, J. G., Esq.
Watts, Sir James.
White, A. B., Esq.
Wicks, J., Esq.

No. 12. CHIMONANTHUS GRANDIFLORUS (a hardy fragrant shrub, flowering at Christmas, China), 70 Plants, 280 Applicants.

Anstruther, Captain.
Banting, Mrs. Mary.
Barlow, Miss F. P.
Castle, Thomas, Esq.
Courtoy, Miss.
Crease, Mrs.
Deacon, Miss J. B.
Des Barres, Judge.
Dorin, Mrs.
Duncombe, Hon. Col. O., M.P.
Egerton, Captain, R.N.
Etches, W. J., Esq.
Forster, Thos., Esq.
Fortey, T. W. J., Esq.
Fullerton, Mrs.
Gaines, T., Esq.
Glegg, J. B., Esq.
Harrowby, The Earl of.
Henry, D., Esq.
Heyworth, Rev. J.
Hook, J., Esq.
Jones, Mrs. Inwood.
Keeling, E. H., Esq.
Legge, The Lady C.
Locock, Sir C., Bart.
Martineau, D., Esq.
Maudslay, Miss J. A.
Meyer, Mrs.
Micholls, H. M., Esq.
Morley, Samuel, Esq.
Mould, W., Esq.
Nutting, J. G., Esq.
Packe, G. H., Esq., M.P.
Paxton, Wm., Esq.
Paxton, Rev. W. A.
Phelps, Miss.
Pinckney, Rev. Dr.
Poole, H. G., Esq.
Pope, Thomas, Esq.
Porter, Miss A.
Portman, Lord.
Prescott, W. G., Esq.
Pringle, Miss Eleanor.
Pulsford, R., Esq.
Reeves, Miss A. S.
Reeves, T. J., Esq.
Richards, E. P., Esq.
Rickards, C., Esq.
Rickards, S., Esq.
Rosher, E., Esq.
Rosse, The Earl of.
Rowland, Miss.
Sandbach, H. R., Esq.
Sandeman, A. G., Esq.
Saunders, Joshua, Esq.
Savage, Mrs.
Sibthorp, Major, M.P.
Sladen, Mrs. St. Barbe.
Straith, John, Esq.
Stuart, C. Pole, Esq.
Taylor, Mrs. A.
Walcot, Thomas, Esq.
Wallis, Owen, Esq.
Waterlow, H. B., Esq.
Weston, Miss Mary.
White, A. B., Esq.
Williams, H. R., Esq.
Wilson, F. M., Esq.
Woodd, B T., Esq., M.P.
Wylde, Major-General.

No. 13. YUCCA PARMENTIERI (ornamental greenhouse plant, Mexico), 12 Plants, 120 Applicants.

Allnutt, J., Esq.
Anstruther, Captain.
Gunter, Mrs.
Isaac, Saul, Esq.
Lloyd, C., Esq.
Matheson, H. M., Esq.
Smith, J. S., Esq.
Sowerby, Lieut.-Col.
Thynne, The Lady Louisa.
Tillery, W., Esq.
Walton, J. C., Esq.
Waterlow, H. B., Esq.

No. 14. YUCCA TILIFERA (an ornamental greenhouse plant, Mexico), 24 Plants, 65 Applicants.

Best, Captain.
Booth, Lionel, Esq.
Butler, Hon. C. L.
Cooper, R., Esq.
Dickinson, S., Esq.
Edmonds, C., Esq.
Erle, Lady.
Fullerton, Mrs.
Gladstone, A. S., Esq.
Heyworth, Rev. J.
Hunter, G. M., Esq.
Johnstone, Sir J.
Natusch, F. B. B., Esq.
Pope, T., Esq.
Sandars, G., Esq.
Sandars, S., Esq.
Saunders, J., Esq.
Segelcke, H. W., Esq.
Sladen, Mrs. St. Barbe.
Strickland, C. W., Esq.
Wade, John, Esq.
Waterlow, H. B., Esq.
Watts, Sir J.
Wilson, Colonel.

No. 15. BONAPARTEA GRACILIS (ornamental greenhouse plant, Mexico), 24 Plants, 115 Applicants.

Clark, Rev. J. C.
Cox, J., Esq.
Egerton, Captain, R.N.
Fielden, J., Esq.
Fullerton, David, Esq.
Gray, Rev. J. E.
Hambrough, A., Esq.
Hubbard, J. G., Esq.
Isaac, Saul, Esq.
Jalland, B. M., Esq.
Locock, Sir C., Bart.
Loveden, Pryse, Esq.
Nash, D., Esq.
Natusch, F. B. B., Esq.
Nethercote, H. O., Esq.
Packe, J. H., Esq., M.P.
Pinckney, Rev. Dr.
Portman, The Lord.
Rigby, J. D., Esq.
Strickland, C. W., Esq.
Stuart, Lieut.-Colonel.
Stuart, C. P., Esq.
Terry, W., Esq.
Wells, T. S., Esq.

No. 16. Agave sp. No. 1 (ornamental greenhouse plant, Mexico), 24 Plants, 35 Applicants.

Browne, E., Esq. (Oaklands).
Campbell, J., Esq.
Cawley, J., Esq.
Cooper, W., Esq.
Cox, John, Esq.
Dickinson, S., Esq.
Erle, Lady.
Hill, H., Esq.
Kinnear, T. J., Esq.
Manners, The Lady Adeliza.
Pope, T., Esq.
Rowland, Miss.
Sandeman, G. G., Esq.
Shaw, J., Esq.
Sladen, Mrs.
Stewart, The Lady Isabella.
Stuart, C. P., Esq.
Stuart, Mrs. W.
Venning, J. M., Esq.
Walton, C., Esq. (Romford).
Watts, Mr. J.
Weston, Mrs.
Weston, Miss H. E.
Wilson, Colonel.

No. 18. Littæa xalapensis (ornamental greenhouse plant, Mexico), 20 Plants, 49 Applicants.

Best, Captain.
Barnett, Mrs. H.
Cunninghame, Miss.
Dickinson, S., Esq.
Eyre, Charles, Esq.
Keene, Rev. C. E. R.
Maudslay, Mrs. J.
Rickards, Samuel, Esq.
Salt, W. H., Esq.
Shaw, J., Esq.
Stuart, C. Pole, Esq.
Taylor, Mrs. A.
Terry, W., Esq.
Waterlow, H. B., Esq.
Wellesley, The Lady Charles.
Weston, Miss H. E.
Weston, Miss M.
Willson, J., Esq.
Windley, T. W., Esq.
Wright, J., Esq.

No. 19. Dasylirion longifolium (ornamental greenhouse plant, Mexico), 10 Plants, 67 Applicants.

Henry, D., Esq.
Leslie, Colonel.
Lloyd, Charles, Esq.
Maudslay, Miss J. A.
Prescott, W. G., Esq.
Rigby, J. D., Esq.
Skynner, H., Esq.
Stewart, the Lady Isabella.
Terry, W., Esq.
Weston, Mrs.

No. 20. Bonapartea flava (ornamental greenhouse plant, Mexico), 10 Plants, 76 Applicants.

Berens, Miss.
Browne, E., Esq. (Oaklands).
Pinkney, Rev. Dr.
Portman, Lord.
Pringle, Miss E. B.
Salt, W. H., Esq.
Secretan, P., Esq.
Stuart, Lieut.-Colonel.
Terry, W., Esq.
Watts, Sir James.

No. 21. Agave coccinea (ornamental greenhouse plant, Mexico), 10 Plants, 69 Applicants.

Bazley, T. S., Esq.
Cass, Rev. F. C.
Chalk, James J., Esq.
Chapman, Mrs.
Egerton, Capt., R.N.
Eyre, Charles, Esq.
McDonald, Lady.
Stuart, Mrs. W.
Windley, T. W., Esq.
Wyndham, Rev. W. C.

No. 22. Pincenectitia glauca (ornamental greenhouse plant, Mexico), 10 Plants, 42 Applicants.

Bertrand, Miss.
Eyre, Charles, Esq.
Gower, R. F., Esq.
Gunter, Mrs.
Hailstone, E., Esq.
Henry, D., Esq.
Straith, John, Esq.
Stuart, C. Pole, Esq.
Tenison, The Lady Louisa.
Woodd, Basil T., Esq., M.P.

No. 23. Agave filifolia (ornamental greenhouse plant, Mexico), 24 Plants, 41 Applicants.

Anstruther, Captain.
Bazley, T. S., Esq.
Bonus, Dr.
Bramley-Moore, J. M., Esq.
Cooper, W., Esq.
Cox, John, Esq.
Cunliffe, R., Esq.
Erle, Lady.

Eyre, Charles, Esq.
Frere, G. E., Esq.
Gott, John, Esq.
Heatley, G. H. Tod, Esq.
Hill, H., Esq.
Keene, Rev. C. E. R.
Kirkland, Sir John.
Lewis, H., Esq.
McQueen, W. H., Esq.
Norton, J. E., Esq.
Scott, J., Esq.
Stewart, H. G. M., Esq.
Tenison, The Lady Louisa.
Tillery, W., Esq.
Wade, John, Esq.
Weston, Mrs.

No. 24. SEMPERVIVUM CALYCIFORME (succulent greenhouse plant, Canary Islands), 9 Plants, 73 Applicants.

Baines, H. R., Esq.
Berens, Miss.
Canterbury, the Dean of.
Cass, Rev. F. C.
Cooper, R., Esq.
Deacon, Miss J. B.
Isaac, Saul, Esq.
Neal, W. M., Esq.
Venning, J. M., Esq.

No. 25. SEMPERVIVUM (Greenovia) FALLAX (succulent greenhouse plant, Canary Islands), 12 Plants, 20 Applicants.

Chatfield, Mrs.
Chillingworth, J. G., Esq.
Gladstone, A. S., Esq.
Heath, D. D., Esq.
Pope, W. A., Esq.
Saunders, T. B., Esq.
Tenison, The Lady Louisa.
Thomas, J., Esq.
Trevelyan, Sir W. C., Bart.
Vernon, Lord.
Waterlow, H. B., Esq.
Wells, W., Esq.

No. 27. SEMPERVIVUM TABULÆFORME (succulent greenhouse plant, Canary Islands), 15 Plants, 25 Applicants.

Baines, H. R., Esq.
Berens, Miss.
Chapman, Mrs.
Chillingworth, J. G., Esq.
Dilke, Ashton W., Esq.
Frere, G. E., Esq.
Gray, Rev. J. E.
Harman, T. R., Esq.
Heath, D. D., Esq.
Norton, J. E., Esq.
Rogers, W. H., Esq.
Stuart, Lieut.-Col.
Wells, G. G., Esq.
Wells, W., Esq.
Wigan, F., Esq.

No. 28. WACHENDORFIA SP. (bulb, Cape), 13 Plants, 99 Applicants.

Beadon, Rev. F.
Keeling, E. H., Esq.
McQueen, W. H., Esq.
Portman, Lord.
Rotton, J. R., Esq.
Solly, S. R., Esq.
Straith, John, Esq.
Symmons, W., Esq.
Taylor, Mrs. A.
Telford, Charles, Esq.
Vardon, A., Esq.
Windley, W., Esq.
Wynne, Mrs. B.

No. 30. BILLARDIERA LONGIFOLIA (greenhouse evergreen creeper), 90 Plants, 150 Applicants.

Amiel, Captain.
Atkinson, Geo., Esq.
Auldjo, T. R., Esq.
Baines, H. R., Esq.
Blandy, J. J., Esq.
Bonhote, T., Esq.
Bowring, E. A., Esq.
Browne, E., Esq. (Oaklands).
Burridge, Mrs.
Canterbury, The Dean of.
Cave, Mrs.
Chalk, James J., Esq.
Chandos, The Marquis of.
Cochrane, G. E., Esq.
Cohen, B., Esq.
Courtoy, Miss. E.
Cunliffe, R., Esq.
Da Silva, J., Esq.
Deacon, Miss.
Dilke, Charles W., Esq.
Dilke, C. Wentworth, Esq.
Elger, G. G., Esq.
Ffarington, Miss M. H.
Faure, Madame.
Feilden, J., Esq.
Fisher, John, Esq.
Gillett, W. S., Esq.
Glendinning, Robt., Esq.
Good, J. H., Esq.
Graham, W., Esq.
Gwyn, Howell, Esq.
Hambrough, A., Esq.
Hardy, Gathorne, Esq.
Harman, T. R., Esq.
Harrowby, The Earl of.
Howlett, G., Esq.
Keene, Rev. C. E. R.
Kirkland, Sir John.
Knight, Mrs.
Lacon, Sir E., Bart., M.P.
Leaf, C. J., Esq.
Loveden, Pryse, Esq.
Mackenzie, F., Esq.
Manners, The Lady Adeliza.

Marsh, M., Esq.
Martineau, D., Esq.
Massey, T. H., Esq.
Maudslay, Miss C. R.
Maxwell, W., Esq.
Morley, S., Esq.
Mould, W., Esq.
Nash, D., Esq.
Neale, W. M., Esq.
Norton, W., Esq.
Poole, H. G., Esq.
Pope, W. A., Esq.
Portman, Lord.
Reeves, Miss A. S.
Robinson, F. E., Esq.
Rogers, W. H., Esq.
Rosse, The Earl of.
Sandars, S., Esq.
Sandeman, A. G., Esq.
Savage, Mrs.
Scarborough, Lord.
Scorer, G. C., Esq.
Slade, A. F., Esq.
Sladen, Mrs. St. Barbe.
Smith, C. E., Esq.
Stewart, A. J. R., Esq.
Symmons, W., Esq.
Taylor, Mrs. A.
Talbot, The Hon. Mrs.
Terry, W., Esq.
Thomas, Iltid, Esq.
Tinné, J. A., Esq.
Trevelyan, Sir W. C., Bt.
Venning, J. M., Esq.
Walcot, T., Esq.
Walker, J. G., Esq.
Waterlow, H. B., Esq.
Wellesley, H., Esq.
Wells, W., Esq.
Weston, A. A., Esq.
Weston, Mrs.
Wigan, F., Esq.
Williams, H., Esq.
Willson, J., Esq.
Wyndham, Rev. W. C.
Wynne, Mrs. B.

No. 31. Billardiera cymosa, 20 Plants, 50 Applicants.

Barnett, Mrs. H.
Bell, T. J., Esq.
Best, Captain.
Bonhote, T., Esq.
Dilke, Ashton W., Esq.
Egerton, Captain.
Elger, G. G., Esq.
Grantley, Lord.
Henderson, Andrew, Esq.
Hughes, W. H., Esq.
Mackenzie, F., Esq.
Norton, J. E., Esq.
Orde, Sir J.
Portman, Lord.
Rigby, J. D., Esq.
Sibthorp, Major, M.P.
Slade, A. F., Esq.
Symmons, W., Esq.
Talbot, Hon. Mrs. J. C.
Wells, W. Esq.

No. 32. Banksia integrifolia (greenhouse evergreen shrub, Australia), 6 Plants, 125 Applicants.

Acland, Sir T. Dyke, Bart.
Gunter, Mrs.
Hook, John, Esq.
Little, W. J., Esq.
Natusch, F. B. B., Esq.
Walton, C., Esq., (of Acton).

No. 33. Gomphocarpus arboreus (greenhouse evergreen shrub, Australia) 30 Plants, 48 Applicants.

Blandy, J. J., Esq.
Bonhote, T., Esq.
Brande, E. A., Esq.
Campbell, James, Esq.
Cohen, B., Esq.
Dent, J., Esq.
Dorin, Mrs.
Erle, Lady.
Faure, Madame.
Feilden, J., Esq.
Fullerton, D., Esq.
Gaines, T., Esq.
Grenville, The Lady.
Harrowby, The Earl of.
Hoare, P. R., Esq.
Lutwidge, R. W. S., Esq.
M'Queen, W. H., Esq.
Martineau, D., Esq.
Mould, W., Esq.
Norton, J. E., Esq.
Rashleigh, J., Esq.
Richards, E. P., Esq.
Sandars, S., Esq.
Stewart, A. J. R., Esq.
Stuart, Mrs. W.
Trevelyan, Sir W. C., Bart.
Waterlow, Mrs. H. B.
Wellesley, H., Esq.
Wells, G. G., Esq.
Wood, G., Esq. (of Rochford).

No. 34. Frenela Ventenati (greenhouse evergreen shrub, Australia), 20 Plants, 39 Applicants.

Berners, Captain.
Blandy, J. J., Esq.
Daniell, Captain J. L.
Dilke, Charles W., Esq.
Egerton, Sir P. G., Bart., M.P.
Faure, Madame.
Grenville, The Lady.
Gunter, Mrs.
Paxton, W., Esq.
Rashleigh, J., Esq.
Robinson, F. E., Esq.
Sladen, Mrs. St. Barbe.
Stewart, A. J. R., Esq.
Stuart, E., Esq.
Tinné, J. A., Esq.
Walton, J. C., Esq.
Wellesley, H., Esq.
Wells, W., Esq.
Wright, John, Esq.
Wylde, Mrs. W.

No. 35. SOLANUM GIGANTEUM (greenhouse evergreen shrub, Australia), 15 Plants, 87 Applicants.

Baines, H. R., Esq.
Berens, Miss.
Browne, E., Esq. (Oaklands).
Butler, E. R., Esq.
Crease, Mrs.
Erle, Lady.
Godson, S. H., Esq.
Jeakes, W., Esq.
Johnstone, Sir J., Bart.
Meynell, T., Esq.
Natusch, F. B. B., Esq.
Pinckney, Rev. Dr.
Symmons, W., Esq.
Trevelyan, Sir W. C., Bart.
Waterlow, Mrs. H. B.

No. 36. LASIOPETALON BAUERI (greenhouse evergreen shrub, Australia), 16 Plants, 43 Applicants.

Acland, Sir T. Dyke, Bart.
Crawley, John, Esq.
Deacon, Miss J. B.
Duckworth, Sir John, Bart.
Elger, G. G., Esq.
Erne, The Earl of.
Frere, G. E., Esq.
Griffiths, Rev. W.
Natusch, F. B. B., Esq.
Rashleigh, J., Esq.
Stuart, E., Esq.
Taylor, Mrs. A.
Tinné, J. A., Esq.
Waterlow, Mrs. H. B.
Watts, Sir James.
Wylde, Mrs. W.

No. 37. ACACIA DEALBATA (greenhouse evergreen shrub, Australia), 16 Plants, 115 Applicants.

Bartlett, H. L., Esq.
Brande, E. A., Esq.
Campbell, C. M., Esq.
Canterbury, The Dean of.
Duncombe, Hon. Col.
Frere, G. E., Esq.
Jones, Mrs. Inwood.
M'Queen, W. H., Esq.
Palmer, E. H., Esq.
Rickards, Charles, Esq.
Sandeman, G. G., Esq.
Ward, H., Esq.
Warner, C. B., Esq.
Wigan, F., Esq.
Wilson, Colonel S.
Wylde, Major-General.

No. 38. ACACIA CELASTRIFOLIA (greenhouse evergreen shrub, Australia), 8 Plants, 49 Applicants.

Bull, J. P., Esq.
Feilden, J., Esq.
Heatley, G. H. Tod, Esq.
Leslie, Colonel.
Platt, Samuel, Esq.
Scott, J., Esq.
Stuart, Mrs. W.
Vickers, James, Esq.

No. 39. ACACIA LATROBII (greenhouse evergreen shrub, Australia), 24 Plants, 50 Applicants.

Baines, H. R., Esq.
Barlow, Miss F. P.
Barlow, Miss P.
Barlow, Mrs. P.
Bell, T. J., Esq.
Brande, E. A., Esq.
Bull, J. P., Esq.
Crabbe, Mrs. Eyre.
Fisher, John, Esq.
Fortey, T. W. J., Esq.
Gladstone, A. S., Esq.
Glendinning, R., Esq.
Hadwen, G., Esq.
Heatley, G. H. T., Esq.
Hubbard, J. G., Esq.
Hunter, G. M., Esq.
Norman, The Lady Adeliza.
Perkins, A., Esq.
Rickards, C., Esq.
Secretan, P., Esq.
Terry, W., Esq.
Thynne, The Lady Louisa.
Vernon, Lord.
Wells, T. S., Esq.

No. 40. ACACIA LONGIFOLIA (greenhouse evergreen shrub, Australia), 12 Plants, 90 Applicants.

Broadwater, R., Esq.
Dilke, C. Wentworth, Esq.
Duckworth, Sir J., Bart.
Grantley, Lord.
Gunter, Mrs.
Kirkland, Sir John.
Lloyd, J. B., Esq.
Meynell, Thomas, Esq.
Norman, The Lady Adeliza.
Pringle, Miss E. G. V.
Straith, John, Esq.
Wellesley, H., Esq.

No. 41. Acacia verticillata (greenhouse evergreen shrub, Australia), 8 Plants, 47 Applicants.

Butler, Hon. C. L.
Campbell, C. M., Esq.
Elger, G. G., Esq.
Hadwen, G., Esq.
Knight, Mrs.
Palmer, E. H., Esq.
Terry, W., Esq.
Wanklyn, W., Esq.

No. 42. Acacia myrtifolia (greenhouse evergreen shrub, Australia), 11 Plants, 111 Applicants.

Banting, Mrs. Mary.
Browne, E. (of Oak-hill).
Crawley, J., Esq.
Good, J. H., Esq.
Prescott, W. G., Esq.
Pringle, Miss E. B.
Rickards, S., Esq.
Rowland, A., Esq.
Todd, R. J. S., Esq.
Warner, C. B., Esq.
Waterlow, S. H., Esq.

No. 43. Acacia Dodoneæfolia (greenhouse evergreen shrub, Australia), 12 Plants, 35 Applicants.

Bell, T. J., Esq.
Campbell, C. M., Esq.
Deacon, Miss J. B.
Feilden, J., Esq.
Gott, John, Esq.
Hunter, G. M., Esq.
Parkyns, Sir Thos., Brt.
Robinson, F. E., Esq.
Walcot, Mrs.
Wellesley, Henry, Esq.
Wells, G. G., Esq.
Wells, T. S., Esq.

No. 44. Acacia leprosa (greenhouse evergreen shrub, Australia), 13 Plants, 28 Applicants.

Campbell, C. M., Esq.
Gladstone, A. S., Esq.
Gott, John, Esq.
Hadwen, G., Esq.
Jeakes, W., Esq.
Johnstone, Sir J., Bart.
Lewis, H., Esq.
Palmer, E. H., Esq.
Parkyns, Sir Thos., Bt.
Skynner, W. H., Esq.
Stuart, E., Esq.
Waterlow, Mrs. H. B.
Wylde, Major-General.

No. 45. Acacia retinoides (greenhouse evergreen shrub, Australia), 16 Plants, 34 Applicants.

Barlow, Miss Pratt.
Bowden, R. C., Esq.
Browne, E., Esq. (Oak-hill).
Chandos, The Marquis of.
Crawley, John, Esq.
Egerton, Captain, R.N.
Good, J. H., Esq.
Hubbard, J. G., Esq.
Jeakes, W., Esq.
Michols, H. M., Esq.
Parkyns, Sir Thos., Bt.
Rashleigh, J., Esq.
Rickards, S., Esq.
Rowland, A. W., Esq.
Stuart, Mrs. W.
Wells, G. G., Esq.

No. 46. Acacia saligna (greenhouse evergreen shrub, Australia), 9 Plants, 19 Applicants.

Cass, F., Esq.
Cooper, R., Esq.
Gott, John, Esq.
Hadwen, G., Esq.
Parkyns, Sir Thos., Brt.
Perkins, A., Esq.
Prescott, W. G., Esq.
Stuart, Lieut.-Colonel.
Walcot, Mrs.

No. 47. Acacia armata (greenhouse evergreen shrub, Australia), 25 Plants, 49 Applicants.

Anderdon, Miss.
Blanshard, Mrs.
Butler, Hon. C. Lennox.
Duckworth, Sir J., Brt.
Egerton, Sir P. G., Brt.
Gibbs, H. H., Esq.
Hubbard, J. G., Esq.
Nutting, J. G., Esq.
Paxton, A. F., Esq.
Porter, Miss A.
Prescott, W. G., Esq.
Pringle, Miss Eleanor.
Pulsford, R., Esq.
Rashleigh, J., Esq.
Rickards, S., Esq.
Rosher, E., Esq.
Rowland, A. W., Esq.
Schenk, G., Esq.
Thynne, The Lady Louisa.
Wade, John, Esq.
Walcot, T., Esq.
Wells, T. S., Esq.
Willson, J., Esq.
Woodd, B. T., Esq., M.P.
Wylde, Major-General.

No. 48. ACACIA SP. (greenhouse evergreen shrub, Australia),
12 Plants, 16 Applicants.

Browne, E., Esq. (Oakhill).
Fisher, J., Esq.
Goff, J., Esq.
Green, E. B., Esq.
Jeakes, W., Esq.
Nutting, J. G., Esq.
Paxton, W., Esq.
Perkins, A., Esq.
Pringle, Miss Eleanor.
Rowland, A. W., Esq.
White, James, Esq.
Wright, J., Esq.

No. 49. ACACIA SOPHORA (greenhouse evergreen shrub, Australia),
12 Plants, 25 Applicants.

Browne, E., Esq. (of Oakhill).
Cass, F., Esq.
Dent, J., Esq.
Keeling, E. H., Esq.
Martineau, D., Esq.
Paine, W. D., Esq.
Prescott, W. G., Esq.
Richards, E. P., Esq.
Rowland, A. W., Esq.
Walcot, Mrs.
Wells, T. S., Esq.
Willson, J., Esq.

No. 50. GREIVIA CLEISTOCALYX (greenhouse evergreen shrub, Australia),
7 Plants, 51 Applicants.

Campbell, J., Esq.
Egerton, Captain, R.N.
Evans, Mr. Commr.
Glendinning, R., Esq.
Pringle, Miss E. Blanche.
Symmons, W., Esq.
Venning, J. M., Esq.

LXIII.—NOTES ON THE VARIETIES OF COMMON YEW (*Taxus baccata*).

(*Read before the Floral Committee, March* 12*th*, 1861.)

By Mr. WILLIAM PAUL, F.R.H.S., *Cheshunt Nurseries, Waltham Cross, N.*

As many of our favourite evergreens hitherto reputed hardy, have been seriously damaged or destroyed by the last winter's frost, we turn with increased interest to those which remain to us uninjured. Bays, Evergreen Oaks, Arbutus, Euonymus, Laurestinus, Common Laurels, Cypress, and in some cases, Portugal Laurels are killed. Araucarias, Deodaras, and some other South American and Indian beauties have in many places complexions as brown as ground rhubarb; Phillyreas and more hardy evergreens are stripped of their leaves. But our native plant, the common Yew is safe; none of the varieties have a leaf injured in this valley of the Lea, where the thermometer on Christmas-day was 5 degrees below zero.

The common Yew is, no doubt, well known to every observer, but perhaps the numerous and beautiful forms which have descended from it are as yet strangers to the many. It is these varieties which I would now attempt to describe. They are many in number, beautiful in appearance, and vary greatly among themselves. Neat, graceful, elegant, picturesque, sombre.

massive, grand, are terms which may be appropriately used to one or the other of them.

It is my present intention to look at them from one point of view only, and that a popular one—their value as ornamental trees in garden scenery—and so regarded, they seem to fall naturally into four groups, viz.:—

Group 1.—*Varieties of a spreading habit*, of which the common Yew is the type.

Group 2.—*Varieties of pyramidal or columnar habit*, of which the Irish Yew is the type.

Group 3.—*Varieties of weeping habit.*

Group 4.—*Varieties with variegated foliage.*

Group 1.—Varieties of spreading habit.

1. **T. baccata,** common Yew.

2. **T. b. fructu-luteo,** the yellow berried Yew. This is one of the most elegant; the pulp surrounding the seed is of a dull yellow colour instead of red, as in the ordinary kind. The growth is vigorous; the leaves are of a very pleasing green medium tint.

3. **T. b. nigra.** This is a striking plant of bold and rather upright growth; the leaves are of a bluish or blackish-green. It flowers abundantly, and is very effective in the landscape, forming a somewhat sombre, but grand and massive tree.

4. **T. b. procumbens,** forms a huge spreading bush; leaves bright green, the plant looked at as a whole, having a reddish appearance.

Group 2.—Varieties of pyramidal, or columnar habit.

5. **T. b. fastigiata,** the Irish, or Florence-court Yew, is a plant of rigid growth, columnar in form; leaves dark green. This plant is too familiar to require an extended notice, although very useful in formal gardening. Seeds of this variety produce for the most part the common Yew, but some vary in form and tint.

6. **T. b. cheshuntensis,** is a very graceful variety, of pyramidal growth, the leaves small and closely set on the branches; the colour is of a bright glossy green. It appears to stand midway between the common and Irish Yew, but is less formal than the latter and grows twice as fast. This variety was raised by me some years ago, from seeds of the Irish Yew.

7. **T. b. pyramidalis.** This variety resembles *cheshuntensis*

in outward form, the leaves are, however, broader and shorter, and the bark of the young shoots reddish.

8. **T. b. nidpathensis**, the Nidpath Yew, resembles *cheshuntensis* in the leaf, branch, and colour of the foliage, but is of stiffer growth, being columnar rather than pyramidal in habit, with a disposition to spread at the top.

9. **T. b. stricta** is similar to the preceding, but with smaller and paler green leaves; it is almost as erect as the Irish Yew, and forms a compact dense tree. This is a seedling from the Irish Yew, raised from the same batch as *cheshuntensis*.

10. **T. b. nana** is a neat plant of dwarf habit, and compact upright growth; the leaves of a dark and more glossy green than the common Yew. It appears equally suitable for a single tree on the lawn, for planting in masses, for the shrubbery, or for a dwarf hedge in a geometrical garden. This also is one of my seedlings raised from the Irish Yew.

11. **T. b. erecta** is similar to the preceding, but of larger growth, although with smaller leaves.

12. **T. b. erecta Crowderi,** the variety recently brought under notice by Mr. Crowder, of Horncastle, is of compact pyramidal growth, and approaches more nearly to *erecta* than to any other, but has smaller branches, and will probably not grow to so large a size. It appears of more regular growth than *erecta*, and may perhaps be considered an improved variety of it.

13. **T. b. ericoides** (*empetrifolia*) is an interesting and neat little plant of dwarf growth, closely set with branches; the leaves are small, the bark reddish.

Group 3.—Varieties of weeping habit.

14. **T. b. Dovastonii** is a weeping variety, somewhat picturesque, the branches shooting horizontally to some distance from the main stem, and drooping at their points. The foliage is ample, of a dull dark green.

15. **T. b. Jacksonii** is a distinct and elegant weeping variety, with small light green leaves somewhat curled.

16. **T. b. recurvata** is a handsome variety, with leaves of a pale dull green. The habit is diffuse, rather drooping, the leaves curled in the way of *Picea nobilis*.

Group 4.—Varieties with variegated foliage.

17. **T. b. variegata**, the Golden Yew, is a well known plant of

great beauty, well suited for planting in masses, and relieving the monotony of large surfaces of green. The gardens at Elvaston Castle derived some of their celebrity from the artistic working up of quantities of this beautiful tree in contrast with the darker shades of green. I have heard it said, on good authority, that the Golden Yew is a male plant, but as I have seeded it, I strongly suspect that there are two or more varieties of too close an external resemblance to be distinguished. This supposition is strengthened by the fact that the offspring from seed retain the variegation of the parent, though differing slightly among themselves.

18. **T. b. elegantissima** is paler in colour, and of more erect and uniform growth than the last-mentioned. Both these varieties, if grown entirely in the shade, quickly become green, but regain their golden appearance on re-exposure to the sun. They form handsome formal plants when worked standard high on the Irish or common yew.

19. **T. b. 'silver variegated'** is a seedling from the Golden Yew, but which I never thought sufficiently distinct or attractive to merit a name.

20. **T. b. fastigiata variegata**, the variegated Irish Yew, is a sport from the Irish Yew, with occasional silver leaves. The plant is of slow growth, and still scarce, but it is hardly striking enough to become a general favourite.

LXIV.—ANNIVERSARY MEETING, May 1, 1861.

The Anniversary Meeting, for the election of Council and Officers for the ensuing year, and receiving the Report of the Council, was held in the new Council Room in the Garden at South Kensington. The Earl of Ducie occupied the Chair. Lord Llanover and the Right Hon. T. F. Kennedy having been named Scrutineers of the approaching Ballot, the Assistant Secretary read the following Annual Report from the Council to the Fellows:—

Report from the Council.

In giving an account of their management during the past year, the Council are necessarily in a great measure restricted to reporting the progress of an unfinished design, and announcing the expenditure of much money and labour.

As the completion of the works connected with the new Garden was not contemplated at so early a date as that of the present anniversary, and as the progress actually made has kept pace with that anticipated at this time last year, the Council believe that the interests of the Society entrusted to them at the last anniversary have not suffered at their hands.

In the Report of the Council then made they said that "they "hoped and believed that in the absence of unforeseen obstacles, "the garden will be for the most part completed by midsummer "in next year"; and the present Council trust that they will be able to fulfil the anticipation so held out, notwithstanding that they have had to contend with formidable obstacles arising from circumstances wholly beyond either their control or anticipation. The first of these was the unprecedentedly wet season of last year. It threw the earthworks of the garden so far behind, that it was only by the most arduous exertions that the delay has been made up. This, however, has happily been done. The second great hindrance was the long-continued frost, and the brick-work and masonry were only beginning to recover the ground lost during that period of compulsory idleness, when they have been again thrown back by the strike of the building workmen.

Notwithstanding the imperfections caused by these obstacles, the Council feel bound to open the gardens on the 5th of

June. Some portions of them will not be in such a state of completeness as they could wish, and it may be matter for the grave consideration of the New Council to be appointed this day, whether, after the formal and ceremonial opening and great Show on the 5th and 6th of June, the gardens should not be again closed for a short period, for the finishing of the works.

One of the works to which the Council allude is the Memorial of the Exhibition of 1851, now executing by Mr. Joseph Durham; which, as Fellows are already aware, has been placed at the disposal of the Society by the committee entrusted with its supervision. This is a work dependent on the powers of labour of a single individual, and must bide its time; although every exertion has been promised to be made to have it ready as soon as possible, it cannot be in its position this year.

Another feature which will not be ready by the 5th of June, is the supply of water. After anxious consideration the Council decided on providing the water required for the various basins, &c., as well as for the general use of the garden, by sinking an artesian well. They found that the annual sums which would be charged by the water companies for supplying them was so large, that it was economy at once to take this step; and Messrs. Easton and Amos have contracted to do it, guaranteeing a supply of from 35,000 to 40,000 gallons per day.

There are other minor matters which, though it may be said that the works are incomplete without them, can hardly be ranked under the head of unexecuted works. These are statues, tazzas, vases, and other objects of ornament. As the Council trust that the garden is to be progressive, and that constant additions to its attractions will be made during successive years, they regard such works rather in the light of ornamentation which may be made, altered, or removed at any time, than in that of the permanent structures of the garden, which their exertions have been specially directed to have ready by Midsummer.

If the progress of the works has been satisfactory, not less so has been the progress of the Society itself. Since 1859 a greater number of new Fellows have joined the Society than ever before did in any two years of its palmiest time; * and this notwithstanding that they have hitherto had scarcely any privileges to enjoy. Such numbers sufficiently indicate the appreciation by the

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* In 1820 and 1821, the two most prosperous years of the Society, 625 Fellows joined. During the last two years 937 Fellows have been elected.

public of the efforts made to restore the Society to its former eminence; their expectations of success, and confidence in the future attractions of the garden.

The funds of the Society have in this manner been largely recruited; many of those who have joined during the last two years have become life members, their subscriptions representing a sum of about £13,300.

The expenses, however, have been, and to complete the works must be, great, and the Council, as the Society is already aware, found it necessary to apply for authority to raise, by debentures, a sum of £10,000, in addition to that of £40,000, which was already sanctioned by the Society. This authority was granted by the Fellows at a Special Meeting held on the 19th of April, and such was the feeling entertained of the prospects of the Society, that in less than a fortnight more than double the sum required was offered, although the loan was never advertised for, nor any publicity given to it other than the intimation to the Fellows themselves in the Notice calling the Special General Meeting. That meeting was held so recently that it is unnecessary to advert more particularly to the terms and arrangements relating to that loan.

An account of the money received and expended on the Kensington Gore account to the 31st of March will be found in the Appendix.

The General Account, representing the state of the liabilities and assets of the Society before the recent alterations, has worked its way into a satisfactory state.

On the 2nd of June, when the new lease of the Kensington Gore Gardens comes into operation, the two accounts hitherto kept separate will be amalgamated.

The Council, under the agreement with Her Majesty's Commissioners for the Exhibition of 1851, and the other arrangements of the Society, found it necessary to apply for a New Charter. This has been for some time in preparation, and it is expected to pass the Great Seal within a few days.

The ordinary working of the Society has been going on satisfactorily during the last 12 months. Several ballots for seeds and plants have taken place, and this mode of distribution has found favour with the Fellows. The confining the ordinary distribution of flower and vegetable seeds to those who apply for them is acknowledged (now that the rule is understood) to be a proper regulation. By devoting the large conservatory at Chiswick to

the cultivation of vines, an admirable collection of the best kinds has been secured, from which the inferior sorts are being, by degrees, eliminated, and a very large number of cuttings of the now recognised best sorts, and of other fruit trees, have been distributed. This has been felt by the Fellows, more than ever, to be a solid advantage.

The Flower and Fruit Committees have, under the superintendence of their respective Secretaries, Mr. Moore and Dr. Hogg, carried on their investigations in a most satisfactory manner, as is shown by their reports in the Society's "Proceedings." The Council have reason to know that these reports are regarded as valuable sources of reference by the gardening community. The Council, however, think that the time has now come when the publication of something of a more important character may be tried, and they are taking preliminary steps with this view.

They have arranged to send a collector to an interesting district in South Brazil, and have also made arrangements with a collector who is already in South Africa, to collect and transmit seeds and plants to this country.

The spacious Council Room in which the Fellows are now met not only furnishes them with a suitable place of meeting, as well as accommodation for their minor shows and competitions, but removes any difficulty as to a hall for the delivery of lectures, and for the reading of papers on scientific subjects, should such be resolved on.

The Council have given much consideration to the question of the rules of admission, and the decision to which they have come will be found in the Printed Rules, copies of which are now laid upon the table.

The Council feel it their duty to express their gratitude to Her Majesty the Queen, and H.R.H. the Prince Consort, President of the Society. The interest shown by Her Majesty has not alone manifested itself in her gracious commands that the Society be designated "The Royal Horticultural Society." Your illustrious President takes a not less lively interest in its affairs and success. But it is only those who, like the Council, have had the privilege of seeing the time and thought bestowed by His Royal Highness upon the plans of the garden in all their details, who can appreciate the extent of that interest and the advantage the Society has derived from it.

The Council, on the occasion of the heavy affliction which

recently fell upon the Royal House through the decease of H.R.H. the Duchess of Kent, thought it not unbecoming in them to present an address expressive of their sympathy and condolence to H.R.H. the Prince Consort, which he was pleased graciously to accept and kindly to acknowledge.

The Society has been indebted to the liberality of various individuals, who have offered or presented them with plants, seeds, and other donations. Some of these they have been unable to accept, others are not yet received or accepted; but a list of those who have so kindly testified their interest in the Society is appended.

The adoption of the Report having been moved by the Earl Grey and seconded by Sir John Boileau, Bart., was carried unanimously.

On proceeding to the ballot for officers and new members of Council, Mr. Henry Bohn rose and made some observations on the list proposed by the Council, advocating his own claim to a seat in that body, and inviting the Fellows present to substitute his name for that of one of the gentlemen the Council had recommended. Several other Fellows addressed the meeting. The ballot having been taken, the Scrutineers reported that, by an unanimous vote of 71 Fellows present, H.R.H. the Prince Consort had been re-elected President; W. Wilson Saunders, Esq., Treasurer; Professor Lindley, Secretary; and Mr. Jonathan Clark, Mr. Edward Rosher, and Mr. George Paul, Auditors for the ensuing year; and that to supply the vacancies in the Council caused by the retirement of Henry Pownall, Esq., Robert Wrench, Esq., and Mr. Charles Edmonds, there were for the Duke of Rutland, 60 votes; for Mr. John Fleming, Cleveden, Maidenhead, 61 votes; for Mr. Robert Cooper, 152, Fleet Street, 59 votes; for Mr. Henry Bohn, 10 votes. The Chairman thereupon declared the three former, who had been recommended by the Council for election, to be the new members of Council for the ensuing year.*

* This election has since been superseded by the passing of the new Charter, by which the Council elected on May 1, 1861, are expressly nominated. The new Charter was expected to have been passed before this Anniversary Meeting (and would have been so but for the unfortunate circumstance of the lamented death of H.R.H. the Duchess of Kent having retarded the proceedings by preventing a Privy Council being held in time). After the present election had taken place it was found that the Charter was too far advanced to allow of an alteration in the names of the Council therein engrossed being made.

APPENDIX.—No. I.

ROYAL HORTICULTURAL SOCIETY.

CHISWICK GENERAL ACCOUNT.

Dr. RECEIPTS, PAYMENTS, AND LIABILITIES, FROM THE 31ST OF MARCH, 1860, TO THE 31ST OF MARCH, 1861. *Cr.*

RECEIPTS.	£	s.	d.	£	s.	d.
To Treasurer's Balance	325	8	8			
To Balance with Assistant-Secretary . .	22	3	10			
				347	12	6
To compositions for Life Members, 40 Guineas each	577	10	0			
Do. 20 Guineas each	210	0	0			
To annual subscriptions	2989	7	0			
To admission fees	466	4	0			
To Cash for Garden produce sold . . .	349	4	1			
To receipts from Fellows for Garden charges	28	12	6			
To miscellaneous receipts	6	3	2			
				4627	0	9
				4974	13	3

Examined and found correct,

EDW.^d ROSHER,
JONATHAN CLARK, } *Auditors.*
GEO. PAUL,

24th April, 1861.

PAYMENTS AND LIABILITIES.				PAYMENTS. £	s.	d.	LIABILITIES. £	s.	d.
By interest on loan notes				120	9	9	3	13	10
By rent, rates, and taxes				142	13	10	244	1	2
By salaries, wages and Collector's poundage				551	9	10	46	19	0
By printing, advertising, stationery, &c.				60	17	0	51	15	11
By cost of Monthly Journal				155	11	9			
By miscellaneous office expenses				65	4	5			
By Garden labour at Chiswick				1083	7	2			
By implements, mats, seeds, &c.				24	17	7	84	11	10
By tan, dung, &c.				91	19	0			
By coals and coke for Garden				228	3	9	19	3	4
By Garden repairs				23	11	5			
By distribution expenses				88	17	2	13	12	3
By Floral Committee				55	13	2	16	8	0
By Fruit and Vegetable Committee				77	5	11	10	0	0
By postages				31	14	10			
By miscellaneous expenses at Garden				172	2	5	16	10	11
By carriage of trees, plants, &c.				3	13	5			
By Creditors on loan notes, loan notes paid off . . .				1000	0	0			
By part repayment of £1000 loan (Kensington Gore Account)				250	0	0			
By cash on account of liabilities outstanding on 1st April, 1860				342	5	1			
By liabilities on Medal Account				16	0	0			
By Balance at the Bankers'	£354	8	1						
By do. with Assistant-Secretary . . .	34	7	8						
				388	15	9			
				4974	13	3	506	16	3

APPENDIX.—No. II.

ROYAL HORTICULTURAL SOCIETY.

KENSINGTON GORE ACCOUNT.

Dr. RECEIPTS, PAYMENTS, AND LIABILITIES, FROM THE 31ST OF MARCH, 1860, TO THE 31ST OF MARCH, 1861. *Cr.*

RECEIPTS.	£	s.	d.	£	s.	d.
To Treasurer's Balance	..	..		2078	10	2
To Cash for Donations	..	..		75	0	0
To Ditto of Life Members, 40 guineas each .	2982	0	0			
To Ditto Ditto 20 ,, ,, .	1701	0	0			
To Ditto for Debentures (exclusive of £6700 issued previously to 31st March, 1860)	29400	0	0			
To Interest on Investments	1275	8	6			
To Produce of sale of India Stock . . .	2902	9	9			
To Miscellaneous receipts	1	17	9			
				38262	16	0
To Amount received from General Account, in part repayment of Loan of £1000	..	..		250	0	0
				40666	6	2

Examined and found correct,

EDW. ROSHER,
JONATHAN CLARK,
GEO. PAUL, } *Auditors.*

24th April, 1861.

PAYMENTS AND LIABILITIES.	£	s.	d.	PAYMENTS. £	s.	d.	LIABILITIES. £	s.	d.
By Interest on Debentures				1166	13	4	257	1	1
By Investment (exclusive of £11,417 14 11 Stock, invested previously to 31st March, 1860)				22068	5	2			
By Salaries				488	13	4	75	0	0
By Printing, stationery, advertising, &c.				145	0	0	230	11	4
By Garden labour				3068	6	10			
By Implements, tools, &c.				555	14	2	93	13	11
By Trees, plants, &c., £91 2*s.* 6*d* ; Carriage of trees, &c., £175 2*s.*				266	4	6	145	19	11
By Dung, &c.				15	15	0	36	14	3
By Plans and specifications				1122	11	0			
By Extra earthworks in Garden				1075	4	8			
By Erection of Offices				4500	0	0			
By Ivory tickets				125	9	5			
By Cash on account of erection of water-works . . .				750	0	0			
By ,, ,, ,, conservatory				1500	0	0			
By Office expenses				10	2	10			
By Rents, rates, taxes, and insurance				9	0	0	2	17	4
By Furniture and fittings for offices				12	18	8	40	2	6
By Postages and envelopes				41	9	8			
By Monthly Journal, proportion applicable to Kensington Gore Exhibition				18	9	10			
By Miscellaneous expenses				206	14	4	20	4	0
By Balance at the Bankers	£3424	4	7						
By ,, with Assistant-Secretary . . .	4	18	9						
By ,, ,, Garden Superintendent . .	48	10	1						
By Nos. 269 and 270 two Life Compositions of 20 guineas each, received and included on 30th March, though not paid in at Bankers till 1st April	42	0	0						
				3519	13	5			
				40666	6	2	902	4	4

APPENDIX.—No. III.

THE ROYAL HORTICULTURAL SOCIETY'S BALANCE SHEET, MARCH 31st, 1861.

CHISWICK GENERAL ACCOUNT.

Dr. *Cr.*

LIABILITIES.	£	s.	d.	ASSETS.	£	s.	d.	£	s.	d.
To Loans	2650	0	0	By Cash at Bankers	354	8	1			
To Liabilities for outstanding accounts due by the Society	506	16	3	By Ditto with Assistant-Secretary	34	7	8			
								388	15	9
To Balance in favour of the Royal Horticultural Society, exclusive of property at Chiswick	45	7	6	By Subscriptions to May 1st, 1861, including arrears				2813	8	0
	3202	3	9					3202	3	9

Examined and found correct,

EDW. ROSHER,
GEO. PAUL,
JONATHAN CLARK, } *Auditors.*

24th April, 1861.

APPENDIX.—No. IV.

THE ROYAL HORTICULTURAL SOCIETY'S BALANCE SHEET, MARCH 31ST, 1861.

KENSINGTON GORE ACCOUNT.

Dr. | *Cr.*

LIABILITIES.	£	s.	d.	ASSETS.	£	s.	d.	£	s.	d.
To Amount of Debentures	36,100	0	0	By Investments	33,486	0	1			
To Liabilities for outstanding accounts due by the Society	902	4	4	Less sold	3,000	0	0	30,486	0	1
				By Balance at Bankers	3,424	4	7			
				By do. with Assistant-Secretary	4	18	9			
				By do. „ Gardn. Superintndt.	48	10	1			
				By Nos. 269 & 270 Life Compositions at 20 guineas	42	0	0			
								3,519	13	5
								34,005	13	6
				To Balance				2,996	10	10
	£37,002	4	4					£37,002	4	4

Examined and found correct,

EDW. ROSHER,
JONATHAN CLARK, } *Auditors.*
GEO. PAUL,

24th April, 1861.

Mem.—By Expenditure at Kensington Gore, as shown in Appendix, No. II.

APPENDIX.—No. V.

CHISWICK GENERAL ACCOUNT.

A RETURN OF THE INCOME AND EXPENDITURE OF THE ROYAL HORTICULTURAL SOCIETY FOR THE YEAR 1860-61, AS COMPARED WITH THE YEARS 1858-59 AND 1859-60, EXCLUSIVE OF EXHIBITIONS.

Income.	1858-59.			1859-60.			1860-61.		
	£	s.	d.	£	s.	d.	£	s.	d.
Compositions of Life Members, 40 guineas	—			—			577	10	0
Do. do. 20 ,,	—			741	6	0	210	0	0
Annual Subscriptions	2322	12	0	2375	2	0	2989	7	0
Admission Fees	—			189	0	0	466	4	0
Garden Produce sold	190	10	0	292	13	8	349	4	1
Receipts from Fellows for Garden Charges	19	9	0	57	17	0	28	12	6
Miscellaneous Receipts	3	13	1	45	4	9	6	3	2
Donations	18	0	0	1	1	0	—		
Sundry Receipts for Rent of Apartments let off, &c., which source of income ceased in 1859-60	54	6	0	—			—		
Total	2608	4	1	3702	4	5	4627	0	9
Expenditure.	**1858-59.**			**1859-60.**			**1860-61.**		
	£	s.	d.	£	s.	d.	£	s.	d.
Interest on Loan Notes	281	8	2	146	3	5	124	3	7
Rents, Rates, and Taxes	577	15	3	370	1	7	386	15	0
Salaries and Wages	581	1	0	364	9	0	598	8	10
Printing, Stationery, Advertising, &c.	129	15	6	61	18	5	112	12	11
Miscellaneous Office Expenses	57	6	8	114	11	10	65	4	5
Garden Labour	1004	18	1	805	4	11	1083	7	2
Implements, Mats, Seeds, &c.	97	10	4	43	3	5	109	9	5
Manure	78	13	11	45	14	0	91	19	0
Coals and Coke for Garden	127	14	8	73	0	4	247	7	1
Garden Repairs	91	17	4	93	14	0	23	11	5
Distribution Expenses	77	0	3	20	15	0	102	9	5
Cost of Monthly Journal	36	16	4	119	16	9	155	11	9
Postages, Envelopes, &c.	—			160	1	7	31	14	10
Carriage of Trees, Plants, &c.	—			42	6	1	3	13	0
Floral Committee	—			78	14	4	72	1	2
Fruit and Vegetable Committee	—			110	4	6	87	5	11
Miscellaneous Expenses at Garden	—			—			188	13	4
Sundry Payments for Repairs of Furniture, &c., which ceased in the year 1859–60	72	2	7	—			—		
Total	3214	0	1	2649	19	2	3481	8	3

Examined and found correct,

EDW. ROSHER,
JONATHAN CLARK, } *Auditors.*
GEO. PAUL,

24th April, 1861.

LIST OF COUNCIL, OFFICERS, AND COMMITTEES, 1861-62.

COUNCIL.

President.—H.R.H. THE PRINCE CONSORT, K.G.

Vice-Presidents.

Right Hon. the Earl of Ducie, F.R.S.
The Lord Bishop of Winchester.
John Jackson Blandy.
Charles Wentworth Dilke.

Treasurer.—William Wilson Saunders, F.R.S.

Secretary.—John Lindley, F.R.S.

John Clutton.
S. Holmes Godson.
John Lee.
James Veitch, Jun.
Charles Edmonds.
Henry T. Hope.
Henry Pownall.
Robert Wrench.

N.B. H.R.H. the President, the Treasurer, and the Secretary are *ex-officio* Members of all Committees.

AUDITORS.

Jonathan Clark. | Edward Rosher. | George Paul.

ASSISTANT-SECRETARY.

Andrew Murray, F.L.S.

FINANCE COMMITTEE.

Chairman.—S. Holmes Godson.

Henry Pownall. | Robert Wrench.

CHISWICK GARDEN COMMITTEE.

Chairman.—S. Holmes Godson.

C. Edmonds. | John Lee. | James Veitch, Jun.

FRUIT AND VEGETABLE COMMITTEE.

Chairman.—C. Wentworth Dilke, V.P., 76, Sloane Street, S.W.

Vice-Chairmen.

Charles Edmonds, Chiswick, W.
T. J. Graham, Cranford, Hounslow.
Thomas Rivers, Sawbridgeworth, Herts.

Secretary (with a vote).—Robert Hogg, LL.D.

H. G. Bohn, York Street, Covent Garden, W.C.
M. Busby, 27, Alfred Road, Westbourne Green, W.

G. Charlwood, Tavistock Row, Covent Garden, W.C.
John Clutton, Whitehall Place, S.W.
D. Cunningham, The Palace Gardens, Fulham, S.W.
George Eyles, Superintendent, Royal Horticultural Society's Gardens, W.
Richard Frankum, Burlington Gardens, W.
James Fraser, Lea Bridge Road, N.E.
J. Bemerside Haig, Chapel Street, Belgrave Square, S.W.
William Hurst, (Hurst and McMullen), Leadenhall Street, E.C.
Thomas Ingram, Frogmore.
Joseph Jessop, Chiswick, W.
John Lee, The Vineyard, Hammersmith, W.
Samuel Mart, Holles Street, Cavendish Square, W.
Henry Miers, Boston Lane, Brentford, W.
John Milne, Wandsworth Road, Vauxhall, S.
Thomas Moore, Physic Garden, Chelsea, S.W.
John Newton, East Lodge, Enfield Chase, N.
J. Newton, Hatton, Hounslow, W.
W. J. Nutting, 60, Barbican, E.C.
Robert Osborn, Fulham, S.W.
John Peel, Cambridge House Garden, Twickenham, S.W.
Alexander Scrutton, Blackheath Park, S.E.
C. W. Strickland, Hildenley, Malton.
Thomas Taylor (Webber & Co.), Covent Garden, W.C.
George Tillyard, The Priory, Stanmore, N.W.
Robert Thompson, Chiswick, W.
James Veitch, Jun., Exotic Nursery, King's Road, S.W.
J. B. Whiting, The Deepdene, Dorking.
John Wilmot, Isleworth, W.
George F. Wilson, Belmont, Vauxhall, S.
Robert Wrench, London Bridge, E.C.

FLORAL COMMITTEE.

Chairman.—J. J. Blandy, V.P., High Grove, Reading.

Vice-Chairmen.

James Bateman, Biddulph Grange, Congleton.
Rev. Joshua Dix, 29, St. Paul's Road, Camden Town, N.W.
E. Rosher, 23, Upper Hamilton Terrace, St. John's Wood, N.W.

Secretary (with a vote).—Thomas Moore, F.L.S., Chelsea.

S. Ainsworth, 238, High Holborn, W.C.
W. Barnes, Camden Nursery, Camberwell, S.
D. Beaton, Surbiton, S.W.
W. B. Booth, 8, St. Martin's Place, W.C.
Dr. Bushell, 20, Lower Kennington Lane, S.
J. Cook, 4, Rosedale Terrace, Notting Hill, W.
J. Cutbush, Highgate, N.
Rev. H. H. Dombrain, Deal.
George Eyles, Superintendent, Royal Horticultural Society's Gardens, W.
John Fraser, Lea Bridge Road, N.E.
R. Headly, Stapleford, Cambridge.
Andrew Henderson, Wellington Road, St. John's Wood, N.W.
R. Hogg, 61, Winchester Street, Pimlico, S.W.
W. Holmes, Frampton Park Nursery, Hackney, N.E.
Rev. S. R. Hole, Caunton Manor, Newark.

J. Ivery, Dorking.
J. Keynes, Salisbury.
F. R. Kinghorn, Sheen Nursery, Richmond, S.W.
C. Lee, Hammersmith, W.
M. T. Masters, F.L.S., Lecturer on Botany at St. George's Hospital.
Andrew Murray, F.L.S., South Kensington, W.
R. Parker, Paradise Nursery, Holloway, N.
A. Parsons, Danesbury Gardens, Welwyn.
W. Paul, Waltham Cross, N.
J. Salter, Versailles Nursery, Hammersmith, W.
Dr. Sankey, Hanwell, W.
G. Smith, Tollington Nursery, Hornsey Road, N.
J. Standish, Bagshot.
C. Turner, Slough.
H. J. Veitch, King's Road, Chelsea, S.W.
R. Warner, Broomfield, Chelmsford.

IMPLEMENT COMMITTEE.

Chairman.—Colonel Challoner.

Sir Joseph Paxton, M.P.
B. T. Brandreth Gibbs.
Edward Easton.
James Veitch, Jun.

KENSINGTON GARDEN COMMITTFE.

Chairman.—The Earl of Ducie, V.P.

Vice-Chairman.—Dr. Lindley, F.R.S.

C. Wentworth Dilke.
Charles Edmonds.
Henry T. Hope.
John Lee.
Henry Pownall.
James Veitch, Jun.

FINE ARTS COMMITTEE.

Chairman.—H.R.H. THE PRESIDENT.

The Earl of Ducie, F.R.S.
The Earl of Gifford.
The Earl of Somers.
Lord Llanover.
Lord Taunton.
Sir Coutts Lindsay, Bart.
C. Wentworth Dilke.
H. T. Hope.
Sidney Smirke, R.A.
Professor Westmacott, R.A.

PUBLICATION COMMITTEE.

C. Wentworth Dilke.
Dr. Lindley.

EXPENSES COMMITTEE.

Chairman.—Earl Granville.

Sir Alexander Spearman, Bart.
T. Field Gibson.
Earl Ducie.
Dr. Lindley.
Mr. Wilson Saunders.

Secretaries.—Edgar A. Bowring and Andrew Murray.

LIST OF DONATIONS TO THE ROYAL HORTICULTURAL SOCIETY.

SOUTH KENSINGTON GARDEN.

Trees and Plants.

H.R.H. The Prince Consort	Poplars. Deodars. Hollies. Limes. Wellingtonias.
Lady Holland	Horse-chesnuts. Poplars.
Lady Dorothy Nevill	Many plants.
Lord Ducie	Araucarias.
Colonel Challoner	Cedar.
Mr. Gibbs	Lime trees.
Mr. Headley	Do.
Mrs. Housley	Indian-rubber Plant.
Mr. Lee	Creepers.
Mr. James Veitch, Jun.	Creepers. Lime Trees.

Seeds.

Messrs. Carter & Sons	Grass-seeds for lawn.
Dr. Witt	Seeds from Australia.

CHISWICK GARDEN.

Trees and Plants.

Mr. Wm. Barnes.
M. Aug. Nass Baumann.
Messrs. Bowler and Ward.
F. A. Bowles, Esq.
Captain Trevor Clarke.
Mr. Drewett.
Messrs. Dickson and Son.
Messrs. Frazer.
Mr. Halley.
Messrs. E. G. Henderson.
Mrs. Henfrey.
Thomas Ingram, Esq.
Messrs. Ivery and Son.
Mr. Kinghorn.
Messrs. Lee.
Messrs. Parker and Williams.
Mr. Reeves.
Mr. Rivers.
Mr. Robertson.
Messrs. Rollisson and Sons.
W. W. Saunders, Esq.
Mr. Scott.
Mr. Thomas Short.
Mr. Spencer.
Mr. Standish.
Mr. Turner.
Mr. Veitch.
Mr. J. B. Whiting.
Mr. G. Wills.

Cuttings.

Mr. Lorenz Booth.
Mr. Cramb.
Mr. Drewett.
Mr. Thos. Short.
Mr. J. B. Whiting.

SEEDS.

James Barber, Esq.
Messrs. Ball, Rutley and Silverlock.
W. Lane Beeker, Esq.
Messrs. Butler and McCulloch.
Messrs. Carter and Sons.
Messrs. Charlwood and Cummins.
Captain Trevor Clarke.
Sir A. P. Gordon Cumming, Bart.
Messrs. James Dickson and Son.
Mr. Thomas Eccleston.
Messrs. Flanagan and Son.
Richard Frankum, Esq.
Messrs. Frazer.
S. Holmes Godson, Esq.
Messrs. E. G. Henderson.
Mrs. Henfrey.
P. R. Hoare, Esq.
Mr. W. Holmes.
Messrs. Hooper and Co.
Horticultural Society of St. Petersburg.
Messrs. Lawson and Son.
Messrs. Minier, Nash and Nash.
Dr. Müller.
Lady Murchison.
Messrs. Nutting and Sons.
Lady Normanby.
Messrs. Parker and Williams.
Mr. D. Robertson.
Mr. Rogers.
W. W. Saunders, Esq.
G. W. Soltan, Esq.
Mr. Southey.
Mr. Spencer.
Messrs. Sutton and Son.
Mr. Thompson.
Mr. Turner.
Mr. Veitch.
Dr. Way.
Mrs. H. B. Ward.
Mr. J. B. Whiting.
Mr. Thos. Wild.
Mr. G. Wills.
Dr. Witt.
Messrs. Wood and Ingram.
Robt. Wrench, Esq.
Mr. John Young.

LXV.—RULES OF THE ROYAL HORTICULTURAL SOCIETY FOR THE YEAR 1861.

ADMISSION OF FELLOWS INTO THE SOCIETY, PAYMENTS, &c.

Every Candidate for Admission is to be proposed by three or more Fellows, one of whom must be personally acquainted with the Candidate. The Certificate of Recommendation must specify the name, rank, and usual place of residence of the Candidate, who will be voted or balloted for at the next meeting, after the Certificate shall have been read at two General Meetings; unless the Certificate shall have been signed by the Chairman of the Council, on the part of the Council: in which case the Candidate may be voted or balloted for at the same Meeting at which the Certificate is first read.

The sum to be paid by a Fellow on election is an Admission Fee of Two Guineas, with an annual payment of Four Guineas, or of Two Guineas, according to the privileges selected; and the annual subscription is payable in advance. These payments may be compounded for at the rate of Forty or Twenty Guineas respectively.

All Annual Subscribers shall, on completing their Elections, sign an obligation to conform to the rules and regulations of the Society, and to pay their subscriptions regularly so long as they shall continue Fellows.

Any Fellow may withdraw from the Society by signifying a wish to do so, *by letter* signed by the Fellow, and addressed to the Secretary at the offices of the Society: any Fellow may be removed from the Society by a General Meeting, under the 13th clause in the Charter, but such withdrawal or removal shall not release any Fellow from the amount of arrears or payment due to the Society.

Should any Fellow propose to reside abroad, and give due notice of such intention in a letter addressed to the Secretary at the offices of the Society, the Council shall have power to remit all payments which may fall due during such residence abroad, provided that during such absence none of the rights and privileges of a Fellow be exercised.

Privileges of Fellows.

All Fellows, whatever their rate of payment may be, are entitled, provided they are not in arrear of their Subscription, to be present and vote at all Special or General Meetings.

At these meetings, Communications made to the Society, on new or important subjects in Horticulture, are received; Fruits, Vegetables, and Flowers sent for exhibition, are shown; Prizes are awarded; and ballots take place for such plants as may be ready for distribution.

Fellows are also entitled to free admission to the Gardens both at Chiswick and South Kensington at all times when they are open, and to such seeds, cuttings, or grafts of plants procured by or presented to the Society as may be occasionally distributable. The Garden at Chiswick is open from 9 o'clock until 6 p.m. every day in summer and until dusk in winter (except Sundays). The garden at South Kensington is open from 9 o'clock until dusk every day, except on Sundays, when it is only open from 2 o'clock until dusk.

Each Fellow can introduce four friends to Chiswick by written order, at all times when the Garden is open.

Each Fellow can also personally introduce two friends to the Gardens at South Kensington at all times when they are open, except on Exhibition days; but cannot exercise this privilege

twice in the same day. All Fellows on entering must, when required, sign their names, and enter those of their friends accompanying them in a book kept for the purpose; and must, at any time when called upon by an officer of the Society, give their names and addresses and those of their friends with them in the Gardens. On Sundays, in the absence of the Fellow, the husband or wife of such Fellow may exercise the privilege of personally introducing two friends.

No written orders are available for admission to the Gardens at South Kensington, but the Council have power to issue them to foreigners and in other exceptional cases.

Each Fellow paying Four Guineas a year (or having compounded by paying Forty Guineas) is entitled to an ivory ticket which is transferable, and which confers on its bearer all the privileges of admission which the Fellow himself could exercise,* except the right of voting at meetings.

Each Fellow paying Four Guineas (or having compounded by paying Forty Guineas), has the further privilege of purchasing three tickets, at the price of Ten Guineas for each ticket, such ticket to be transferable, and to give a single free admission, at all times when the Gardens are open, for the life or during the membership, of the Fellow purchasing the same, but without any other privileges.

Each Fellow paying Two Guineas, or Twenty Guineas, has the privilege of purchasing one such ticket.

Privileges of Debenture Holders.

Each Debenture holder is entitled, besides receiving interest, to one transferable right of admission to the Garden for every 100*l*. debenture; the transfer only to be available after registration, for which a fee of 2*s*. 6*d*. is charged after the first time.

Admission to the Fêtes.

Fellows, Ivory Tickets, and names registered under the Debenture Agreement, free.

The public by tickets, at the following rates previous to the

* Viz.—The right of admission on fête days, and of bringing in two friends on other days—so that a fellow paying 4 guineas or 40 guineas has virtually six admissions on ordinary days; viz.—himself (1), two friends with him (3), the bearer of his ivory ticket (4), and two friends with *him* (6).

day of Exhibition, when an additional sum of 2*s.* 6*d.* (except in September and November) is charged, viz.—

For June 5	10*s.*	For Sept. 11	2*s.* 6*d.*
„ June 6	5*s.*	„ Nov. 6	2*s.* 6*d.*
„ July 10	5*s.*	„ Nov. 7	1*s.*

Tickets not used on the day for which they are issued are available for any of the subsequent shows of the year, admitting visitors in proportion to the money paid.

Admission to Promenades.

These will take place on the following days:—

Wednesday	June 12, 19, 26. July 3, 17, 24, 31.
Saturday	June 8, 15, 22, 29. July 6, 13, 20, 27.

Fellows accompanied by two friends, white and blue ivory tickets accompanied by two friends, red ivory tickets, and names registered under Debenture Agreement, free. But as the works in the Gardens are still in progress, the Council feel that it will be to the interest of the Society that the numbers admitted should be limited. For the same reason the public without tickets will be admitted during the present season only on Saturdays, and that by payment of 2*s.* 6*d.* each person.

Distribution of Plants and Seeds.

Fellows paying Four Guineas a year (or having compounded by paying Forty Guineas) have a right to a share of seeds and plants distributed by Ballot, or in such other way as the Council may direct, and also to participate in spare seeds and cuttings. Fellows who pay Two Guineas a year are entitled to participate in seeds and cuttings distributed at the Office in the Gardens at South Kensington, and to a half share of seeds and plants distributed by Ballot.

Ballots for Plants.

These occur occasionally as plants can be provided. Fellows paying Four Guineas, or having compounded by paying Forty Guineas, have right to a double share. Fellows must send in their names at the latest four clear days before each Ballot: they need not attend personally; but will be informed of the result in the next number of the Journal. Lists of the plants to

be balloted for can be had on application at the Garden Office in South Kensington.

JOURNAL.

Each Fellow will receive gratuitously a copy of any Journal, Proceedings, or other publication issued by the Society.

May 10*th*, 1861. JOHN LINDLEY, *Secretary.*

LXVI.—NEW CHARTER AND AGREEMENTS OF THE ROYAL HORTICULTURAL SOCIETY.

VICTORIA, by the Grace of God, of the United Kingdom of Great Britain and Ireland Queen, Defender of the Faith, to all to whom these presents shall come, Greeting:

1. WHEREAS THE HORTICULTURAL SOCIETY OF LONDON, herein-after referred to as "the said Society," was incorporated by Royal Letters Patent under the Great Seal of our said United Kingdom, bearing date at Westminster the 17th day of April in the 49th year of the reign of His late Majesty King George the Third, for the purpose of the improvement of Horticulture in all its branches, ornamental as well as useful. First Incorporation of the Society by Letters Patent, 49 Geo. 3.

2. And whereas it has been represented to Us that the said Society has sedulously pursued and successfully promoted the objects for which it was incorporated; And it has been also represented to Us that, with the view of still further promoting such objects, an arrangement was lately entered into between the Commissioners for the Exhibition of 1851 (hereinafter referred to as "the Commissioners") and the said Society, which is contained in certain Articles of Agreement, dated the 24th day of July, 1860, and sealed with the corporate seals of the Commissioners and the said Society respectively, whereby it was agreed (amongst other things): first, that a piece of land at Kensington Gore, containing 20 acres, or thereabouts, part of the estate of the Commissioners, should be leased to the said Society for a term of years; secondly, that the said Society, immediately after the execution by the said Commissioners of certain earthworks, should lay out and construct on the land an ornamental garden, with walks, trees, shrubs, terraces, steps, fountains, band-houses, statues, and vases, and at the north end of the said land a con- First Agreement between the Commissioners of the Exhibition of 1851 and the Society.

First Agreement with Commissioners *continued.*

servatory or winter garden, and expend not less than £50,000; and, thirdly, that the Commissioners, simultaneously with the progress of the works of the said Society, should at their own cost enclose the said land with arcades, distinguished as the upper arcades, central arcades, and lower arcades respectively, and that the upper arcades (except the parts thereof coloured green in the plan annexed to the said Articles of Agreement), and certain rights and easements as to the use or enjoyment of the central and lower arcades and the excepted parts of the upper arcades, should be included in the lease of the said land, and that the Commissioners shall expend the sum of £50,000 about such earthworks, and in erecting the said arcades. And it is also represented to Us that under the said Articles of Agreement the sum of £40,000 (part of the £50,000 to be expended by the said Society) is to be raised by debentures (the remainder of the £50,000 having been already raised by donations and fees on the admission of Life Members), and divers stipulations or agreements are made thereby or contained therein for the application and disposition of the income of the said Society, it being part of such arrangements that the "receipts from the gardens," consisting of and including the moneys and income therein mentioned in that behalf, should be applied or disposed of in the following manner, viz., out of the gross amount of the "receipts from the Gardens," such a sum as shall from time to time be allowed by the Committee hereinafter mentioned, in respect of the expenses therein mentioned of the said Society, and of carrying on the operations and concerns thereof, is in the first place to be retained by the said Society; secondly, there is to be then retained by the said Society, out of such receipts, the amount which may be, from time to time, payable by the said Society in respect of interest, not exceeding £5 per cent. on the sum of £40,000, to be borrowed on debentures as aforesaid, or on so much of the said sum of £40,000 as may remain unpaid or undischarged; and, thirdly, there is then to be paid by the said Society to the Commissioners, as rent, the yearly sum of £2,145, if the receipts shall be adequate for such payment, after retaining to the said Society the sums authorised to be retained by them, as therein mentioned, for the expenses and for the interest respectively aforesaid; but otherwise, such a sum only as shall be equal from year to year to the residue of the receipts over and above the sums so in precedence; and if there shall remain any surplus over and above the several payments hereinbefore mentioned, out

of the "receipts from the gardens," there is to be paid to the Commissioners for their own use and as additional yearly rent, a sum equal to half such surplus: and, further, that by the said Articles of Agreement, it is provided or stipulated that for the purpose of regulating the amount to be retained by the said Society in each year for expenses, a Committee shall be appointed annually, which Committee is to consist of six persons, three of whom are to be appointed by the Commissioners and three by the said Society, and any three of such Committee are to form a quorum, so as one, at least, shall be a person appointed by the Commissioners, and one shall be a person appointed by the said Society; and as vacancies occur in each year, by death, incapacity, or resignation, such vacancies are to be filled up respectively by the Commissioners or the said Society, according as the original appointments were made by them respectively; and further, that the Committee is from time to time to select one of those Committee-men who have been appointed by the Commissioners as Chairman of such Committee, and he is to have an equal vote with the other Committee-men for the time being acting, and in case of equality a casting vote in addition; and the Committee is to have power to make byelaws for their own government in the execution of the duties confided to them; and that it is also thereby provided or stipulated that the said Society shall devote and apply towards the liquidation of the debt of £40,000, to be raised by debentures as aforesaid, three-fifths of the money actually received by them from time to time, in respect of the "receipts from the gardens," after the retentions and payments aforesaid from and out of the "receipts from the gardens," for expenses and interest by the said Society and the rent to the Commissioners; and divers other agreements or stipulations for carrying into effect, or consequent on, or relating to the said arrangement are contained in the said Articles of Agreement.

First Agreement with Commissioners continued.

3. And whereas it is further represented to Us, that by a Supplemental Agreement, dated the 20th day of November in the year 1860, and made and entered into in like manner between the said Commissioners of the one part, and the said Society of the other part (in which the said piece of land is referred to as "the gardens"), an arrangement has been made between the said parties for the occupation by the said Society of some additional land of the Commissioners shown on the plan annexed to such supplemental Agreement by a red colour adjoining or near "the gardens" (which additional land the Commissioners had, for the

Second Agreement with Commissioners.

Second Agreement with Commissioners *continued.*

reason therein mentioned declined to include in the lease to be granted under the first-mentioned Agreement), and for an access to " the gardens " by means of a lane or path shown on the same plan, marked with the colour "brown," and by the said supplemental Agreement the interest of the said Society in or with respect to the said additional land, and the right of the said Society with respect to such access, with the duties and rights of the said Society concerning the said additional land and access respectively are defined (the rent payable by the said Society in respect thereof being the nominal rent of 1s.), and power is reserved to the Commissioners at any time to resume possession of such additional land, and also, upon providing another road as therein mentioned, to stop up or take away the said road by or over which there is such access as aforesaid afforded to "the gardens."

Third Agreement with Commissioners.

4. And whereas it is further represented to Us that by further Articles of Agreement, dated the 1st day of March, in the year 1861, made and entered into in like manner between the said Commissioners of the one part, and the said Society of the other part; after reciting the aforesaid Articles of Agreement of the 24th day of July, 1860, and setting forth divers of the clauses or provisions contained in the same Articles, and reciting that the said Society and the Commissioners are each desirous of respectively having the right of increasing the outlay by them respectively undertaken to be made by the said therein recited Agreement, to any amount not exceeding as to each of them the sum of £10,000 over and above the respective sums of £50,000 by them respectively undertaken to be laid out as aforesaid, and of acquiring such rights and privileges as in the said further Agreement now in recital appear in respect of such additional outlay if made, it is thereby mutually agreed between the Commissioners and the said Society (amongst other things) that the said Society may at any time before the 1st day of January, 1864, borrow, or take up on their debentures or other securities, any sum or sums of money not exceeding in the whole the sum of £10,000 in addition to the sum of £40,000 in the said therein-recited Agreement mentioned as having been borrowed, or for the borrowing of which arrangements had been made, and may within the like period lay out and expend the sum or sums so borrowed in addition to the original sum of £50,000 therein mentioned of the said Society, in and about such works and things as are in the clause in the said Agreement now in recital referred to as the

1st clause of the said therein-recited Agreement (being the clause secondly mentioned in the recital herein-before contained of such Agreement) undertaken to be done by them, and in and about which such original sum of £50,000 is required by that clause to be expended, and that the Commissioners may at any time before the 1st day of January, 1864, lay out and expend such sum or sums of money as they may think fit, not exceeding in the whole the sum of £10,000, in addition to the original sum of £50,000 in the clause in the said Agreement now in recital referred to as clause 2 of the said therein-recited Agreement (being the clause thirdly mentioned in the recital hereinbefore contained of such Agreement) mentioned in and about such works, matters, and things as by that clause are undertaken to be done by them, and in and about which the same sum of £50,000 is required by that clause to be expended by them, and further that in case both or either of the parties thereto should think fit to make any such outlay, such parties respectively or party shall have no claim or demand against the other of them or against the gardens, or against the receipts from the gardens, save and except as thereinafter mentioned; *videlicet*, that with a view to compensate such parties respectively, or party in some degree for such additional outlay, the following alterations should be made in the said therein recited Agreement and in the lease to be granted pursuant thereto, *videlicet*, the 14th clause (which provides for the application and disposition of "the receipts from the gardens," as hereinbefore mentioned), shall be altered and amended as follows, viz.:—Out of the gross amount of the receipts from the gardens there shall be first retained by the said Society such a sum as shall from time to time be allowed by the Expenses Committee, mentioned in the therein and first herein-recited Agreement in respect of the expenses mentioned in the said Agreement now in recital, being the same expenses as in the said therein and first herein-recited Agreement are directed to be first retained by the said Society from and out of "the receipts from the gardens." 2ndly. There shall be then retained by the said Society out of such receipts the amount which may be from time to time payable by the said Society in respect of interest not exceeding £5 per cent. per annum, on the sum of £40,000 originally borrowed or agreed to be borrowed by them on debentures as aforesaid and on any further sum or sums they may borrow and expend in accordance with clause 1 of the Agreement now in recital, not exceeding £10,000, or on so much of the original and additional

Third Agreement with Commissioners *continued.*

Third Agreement *continued.*

sums as for the time being may have been raised and shall not have been paid off; and, 3rdly, there shall then be paid by the said Society to the said Commissioners, as rent, the yearly sum or sums therein and hereinafter in that behalf mentioned, if the receipts shall be adequate for such payment, after retaining to the said Society the sums authorised to be retained by them under the first and second heads of the present clause, but otherwise such a sum only as shall be equal from year to year to the residue of the receipts over and above the sums so in precedence, *videlicet*, if the Commissioners shall limit their outlay under clause 2 of the said therein and first herein-recited Agreement to £50,000, then the yearly sum of £2,145, only, but if under clause 2 of the Agreement now in recital they shall expend a larger sum, then an addition shall be made to such rent at the rate of £4 5*s*. for every additional £100 which the Commissioners shall think fit to expend in accordance with that clause, not exceeding £10,000 in the whole. And if there shall remain any surplus over and above the said several payments thereinbefore directed to be made or retained out of the "receipts from the gardens," there shall be paid to the Commissioners for their own use, and as additional rent, yearly (whether or not they make any additional outlay), a sum equal to half such surplus, and that it is by the said Agreement now in recital also provided (*inter alia*) that the clause (therein referred to as the 17th clause) of the said therein and first herein-recited Agreement relating to the application of the three-fifth shares of the said Society towards the liquidation of the said debenture debt of £40,000 shall be altered as follows: *videlicet*, the said Society shall devote and apply towards the liquidation of their debenture debt (whether it amount to the original sum of £40,000 only, or any increased amount under the authority of clause 1 of the Agreement now in recital,) three-fifths of the money actually received by them from time to time in respect of the "receipts from the gardens," after the payments directed to be retained out of the said receipts for expenses and interest by the said Society and the rent to the Commissioners, and that certain alterations consequential on the execution of the said Agreement now in recital are thereby made in the other agreements or stipulations contained in the said therein and first herein recited Agreement and hereinbefore mentioned or referred to.

The necessity for and

5. And whereas it is further represented to Us that, in consequence of the arrangement and the several Articles of Agreement

respectively aforesaid, and in order that the same and the objects thereof may, so far as regards the said Society, be fully carried into effect, it is necessary or expedient that the constitution of the said Society should be in some respects altered, and that the powers of the said Society should be enlarged, and it is also represented to Us that the usefulness of the said Society would be increased thereby, and that the said Society hath consented thereto. Therefore We have been besought to grant unto the persons now composing the Horticultural Society of London, and such other persons as shall be approved of and elected as hereinafter mentioned, Our Royal Charter of incorporation for the purposes aforesaid, and with and under such powers and directions as hereinafter mentioned. And it is Our will and pleasure that such Society shall henceforth be called "The Royal Horticultural Society."

objects of the new Charter.

6. Now know ye, that We, being desirous of promoting the objects of the said Society, and of increasing the usefulness thereof, have, of Our especial grace, certain knowledge, and mere motion, given and granted, and we do hereby give and grant, That Our right, trusty, and well-beloved Cousin Henry John, Earl Ducie, Fellow of the Royal Society; Charles Richard, Lord Bishop of Winchester, Prelate of the Most Noble Order of the Garter; John Jackson Blandy, John Clutton, Charles Wentworth Dilke the younger, Charles Edmonds, Septimus Holmes Godson, Henry Thomas Hope, John Lee, Henry Pownall, James Veitch the younger, and Robert Wrench, (being respectively some of the persons now composing the Horticultural Society of London,) and all other persons now (with the persons respectively hereinbefore named) being Fellows or Members of the said Society, and such others as from time to time shall be appointed and elected in the manner hereinafter directed, and their successors, be and shall for ever hereafter continue and be, by virtue of these presents, one body politic and corporate, by the name of "The Royal Horticultural Society;" and them and their successors, for the purposes for which the Horticultural Society of London was incorporated by the same Letters Patent, and with and subject to such additions and modifications to or in the same purposes as appear in and by or flow from, or are consequent on, the said arrangement between the said Commissioners and the said Society, and the said Articles of Agreement of the 24th day of July, 1860, and of the 20th day of November, 1860, and of the 1st day of March, 1861, respectively, We do hereby

Incorporation of the Members of the present Society, and all Members to be appointed and elected as hereinafter mentioned, in confirmation of the existing Society.

Corporate name.

constitute and declare to be one body politic and corporate, and by the same name to have perpetual succession, and for ever hereafter to be persons able and capable in the law, and to have power to hold and to purchase, receive and possess the goods and chattels already vested in or belonging to the Horticultural Society, incorporated by the recited Letters Patent, and any other goods and chattels whatsoever, and (notwithstanding the Statutes of Mortmain) to hold and to purchase, hold and enjoy to them and their successors, any lands, tenements, and hereditaments whatsoever, including as well the lands, tenements, and hereditaments now vested in or belonging to the said Society, or agreed to be leased to them as hereinbefore recited, as all other lands, tenements, and hereditaments wheresoever situate, such other lands, tenements, and hereditaments not exceeding in the whole the annual value of £5,000, without incurring the penalties or forfeitures of the Statutes of Mortmain or any of them, and by the name aforesaid to sue and be sued, plead and be impleaded, answer and be answered unto, defend and be defended, in all courts and places whatsoever of Us, Our heirs and successors, in all actions, suits, causes, and things whatsoever, and to act and do in all things relating to the said corporation in as ample manner and form as any other Our liege subjects being persons able and capable in the law, or any other body politic or corporate in Our said United Kingdom of Great Britain and Ireland, may or can act and do, and also to have and to use a common seal, and the same to change and alter from time to time as they shall think fit.

Power to hold goods and lands now belonging to the Society and to purchase and hold other goods and lands.

To sue and be sued.

To use a common seal.

Fellows.

7. And We do hereby declare and grant that the several persons who respectively now are as aforesaid Members or Fellows of the first-mentioned Society, shall be or continue Members or Fellows, and shall be and continue subject and liable to all such duties and obligations as they are now subject or liable to as Members or Fellows of the first-mentioned Society, and that all such persons as shall be appointed and elected as hereinafter mentioned shall likewise become or be Fellows or Members of "the Society" hereby incorporated, which is hereinafter referred to as "the Society."

Council and officers.

8. And We do further declare and grant, that for the better rule and government of "the Society," and for the better direction, management, and execution of the business and concerns thereof, there shall be henceforth such bodies and officers as are respectively hereinafter mentioned; that is to say, there shall be

for ever a Council, one President, a Treasurer, and a Secretary of "the Society" appointed, and to be elected in manner hereinafter mentioned, and with reference to the said Articles of Agreement, dated the 24th day of July, 1860, between the said Commissioners and "the said Society," and so long as "the Society" shall hold and use or enjoy as aforesaid the said land mentioned in the same Articles of Agreement of the Commissioners at Kensington Gore in pursuance of the said arrangement, there shall be a Committee for regulating the amount to be retained by "the Society" in each year from the "Receipts from the Gardens" for expenses. The said Council shall consist of fifteen members appointed and to be elected as hereinafter mentioned, whereof any five shall be a quorum. The said Committee shall be appointed as hereinafter mentioned. And We do hereby nominate and appoint or confirm Our well-beloved Consort His Royal Highness Prince Albert, K.G., the said Earl Ducie, the said Bishop of Winchester, the said John Jackson Blandy, the said John Clutton, the said Charles Wentworth Dilke the younger, the said Charles Edmonds, the said Septimus Holmes Godson, the said Henry Thomas Hope, the said John Lee, John Lindley, F.R.S., the said Henry Pownall, William Wilson Saunders, F.R.S., the said James Veitch the younger, and the said Robert Wrench (who constitute the present Council of "the Society,") the Council. And We do hereby further nominate and appoint or confirm His Royal Highness the Prince Consort (now being President) the President, the said William Wilson Saunders (now being the Treasurer) the Treasurer, and the said John Lindley (now being the Secretary) the Secretary, of "the Society," (all and each of the aforesaid Councillors and Officers to continue in such their respective offices until the second Tuesday in the month of February, 1862; and as regards such of the said Councillors as shall not be ballotted out from time to time as hereinafter mentioned, they shall continue in office until so ballotted out). And We do also hereby nominate and appoint and confirm the said Earl Ducie, Bishop of Winchester, John Jackson Blandy, and Charles Wentworth Dilke (being the present four Vice-Presidents) to be the Vice-Presidents of "the Society," until some other persons shall be chosen in their respective rooms in the manner hereinafter mentioned.

Council and officers *continued.*

The Expenses Committee under the arrangement between the Commissioners and the Society.

The Council.

Nomination of first Council.

President.

Treasurer.

Secretary.

Vice-Presidents.

9. And with respect to the said Committee to be appointed for regulating the amount to be retained by "the Society" for

The Constitution and mode of appointing the Expenses Committee.

the expenses aforesaid from the "Receipts from the Gardens," We do hereby further declare and grant that such Committee shall consist of six persons, three of whom shall be appointed by the Commissioners, and three by the Council of "the Society," as hereinafter mentioned, and any three of such Committee shall form a quorum, so as one at least shall be a person appointed by the Commissioners and one appointed by "the Society." As vacancies occur in each year by death, incapacity, or resignation, such vacancies may be filled respectively by the Commissioners and "the Society" respectively, according as the original appointments were made by them respectively. The Committee shall from time to time select one of those Committee-men who have been appointed by the Commissioners as Chairman of such Committee, which Chairman shall have the power of voting on all occasions equally with the other Committee-men for the time being acting; and such Chairman, in case of equality, shall have a casting vote in addition, and the said Committee shall have power to make byelaws for their own government in the execution of the duties confided to them.

Annual removal of Members of Council and appointment of other officers.

10. And it is Our will and pleasure also, that the Fellows of "the Society," or any 11 or more of them, shall and may, on the second Tuesday in the month of February in the year 1862, and on the second Tuesday in the month of February in every succeeding year, assemble together at the then last or other usual place of meeting of "the Society," or some other convenient place (which meeting shall be called the "Annual Meeting,") and that at each and every such meeting the Fellows then present shall proceed by method of ballot to put out and remove some three of the Members of the Council of the preceding year, and shall and may, by method of ballot, elect three other discreet persons from amongst the Fellows of "the Society," to supply the places of such three as shall have been so put out and removed (so that one-fifth of the Council shall be yearly removed and renewed by ballot as aforesaid). And it is Our will and pleasure also, that at each and every annual meeting the Fellows then present shall and may, in manner aforesaid, elect from among the Members of the Council for the year next ensuing, the President, Treasurer, and Secretary of "the Society" for such ensuing year (each of such offices to be filled by a distinct person), and also elect, as well in the first instance as annually from time to time afterwards from the members of "the Society," three persons, to form (with the three Committee-men appointed or to

be appointed by the Commissioners,) the Expenses Committee aforesaid for the year ensuing; and in case of the death or incapacity from any cause whatever of any of the Members of the Council, or of the President, Treasurer, or Secretary for the time being, or of any of "the Society's" Committee-men aforesaid, either before the first of the annual meetings aforesaid or between any two of such annual meetings, the said Council shall and may nominate or appoint some other discreet person or persons, being a Fellow or Fellows of "the Society," to supply the place or places of the Member or Members of Council and of the President, Treasurer, and Secretary respectively, and of the Committee-man or Committee-men respectively, or any or either of them respectively, so dying or becoming incapable, until the annual meeting next following such nomination or appointment; and such Member or Members of Council, President, Treasurer, and Secretary, and Committee-men or Committee-man respectively so nominated or appointed as aforesaid, shall until and on such next annual meeting be deemed to stand respectively for all purposes in the place of the person or persons respectively, or officers respectively, in or to whose place they respectively shall have been so nominated or appointed or should have succeeded; and further, as regards any Member or Members of Council dying or becoming incapable before the first annual meeting aforesaid, or in the interval between any two such annual meetings as aforesaid, and whose place or places shall not be supplied by the said Council as aforesaid, the place or places of such Member or Members of Council shall at the first or next annual meeting after the vacancy be supplied from the Fellows of "the Society," by ballot as aforesaid, and in such case the number of Fellows to be balloted out at such meeting shall be proportionably reduced, it being Our will and pleasure that the vacancy or vacancies by reason of death or incapacity, not supplied by the Council, and actually existing at the time of any annual meeting, shall be treated and supplied as and in lieu of a vacancy by ballot.

Annual removal and appointment of Council and Officers continued.

And it is also Our will and pleasure that any such annual meeting as aforesaid may accept the resignation of, or for incapacity remove, any one or more of the Members of the Council for the time being, and elect in manner aforesaid any person or persons from among the Fellows in the place or places of the Members so retiring or being removed, in addition to the Member or Members which the Fellows present at such meeting are hereinbefore authorised to elect.

Resignation and removal of Members of Council.

Secretary may be a paid Officer.

And further, that it shall be lawful for any such annual meeting to resolve that the Secretary of "the Society" shall be a paid officer, and, accordingly, that such salary or compensation shall be paid to him as shall be determined by the said meeting, but in such case the Secretary shall be incapable of being a Member of the Council, and such meeting shall in manner aforesaid thereupon appoint a Member of Council in his place. And it shall also be lawful for any such annual meeting to resolve that the three Members appointed by the Society to form part of the Committee for regulating the amounts to be retained by the said Society for the expenses aforesaid shall be paid, and accordingly that such salary or compensation shall be paid to them as shall be determined by the said meeting, but in such case the said Members of such Committee shall be incapable of being Members of the Council, and such meeting shall in manner aforesaid thereupon appoint Members of Council in their place.

Expenses. Committee may be paid.

Annual appointment of Vice-Presidents by the President.

11. And it is Our further will and pleasure, that so soon after the elections aforesaid as conveniently may be, the person who shall at any time hereafter be elected to be President of the said Society in manner aforesaid may and shall nominate and appoint four persons, being Members of the said Council, to be Vice-Presidents of "the Society" for the year ensuing.

Appointment of the Commissioners, three Members of the Expenses Committee.

12. And it is Our further will and pleasure that the three persons who shall be appointed by the Commissioners Members of the said Expenses Committee shall be appointed simultaneously with or immediately before or after the appointment of the Members of the said Committee who shall be appointed by the Council, and that notice thereof shall be given by the Commissioners to "the Society" at the time of or immediately after the said appointment by "the Society," and that such Committee shall continue for the year ensuing. Nevertheless, on the death or incapacity of any or either of the Committee-men appointed by the Commissioners before the expiration of their or his year of office, the place of such deceased or incapable Committee-men respectively, or Committee-man, may be forthwith supplied by the Commissioners, and the person or persons so appointed shall continue in office until the time at which the deceased or incapable Committee-man would have vacated his office, if living.

Elections and removal of Fellows.

13. And We do further declare and grant, that on, or at any time and from time to time after, the said second Tuesday in February, 1862, the Fellows of "the Society," or any seven or more of them, shall and may have power at the general

Elections and removal of Fellows continued.

meetings of "the Society," to be held at the usual place of meeting of the Society, or at such other place as shall have been in that behalf appointed by open voting (unless five or more Fellows then present shall in writing require a ballot, and in such case by method of ballot,) to elect such persons to be Fellows, Honorary Members, and Foreign Members of "the Society" as they shall think fit, and any of the Fellows, Honorary Members, and Foreign Members for the time being to remove from "the Society," the majority of the Fellows voting, in case of open voting, to bind the minority; in case of equality the Chairman to have a second or casting vote, but in case of a ballot no Fellow, Honorary Member, or Foreign Member shall be declared elected or removed, unless by a majority of two-thirds of the Fellows voting at such ballot. In case of a ballot scrutineers to be appointed, and the ballot to be taken at an adjourned meeting, in the like manner as is hereinafter mentioned in the 16th and 17th clauses; and further that all such persons as shall be elected Fellows or Members of "the Society" (other than Honorary and Foreign Members) shall, at the time of their election, or before they shall be entitled to enjoy the rights or privileges of members, sign a note or memorandum in writing, binding them to observe, perform, and abide by all the rules, laws, and regulations of "the Society," and that such note or memorandum shall constitute an agreement to the effect thereof with "the Society," and shall or may be enforced by "the Society;" and provided also that if any Member should refuse or neglect to pay his first or any annual subscription for the space of six calendar months next after the same shall, according to the rules or regulations of "the Society," become due or payable, or shall neglect or fail in the observance or performance of the same rules or regulations in anywise, then such non-payment, neglect, or failure may be treated at any general meeting of the Fellows of "the Society" as a forfeiture by the Fellow so making default as aforesaid of his rights and privileges as a Fellow or Member of "the Society," and in case of any resolution to that effect by the Fellows of "the Society" at a general meeting, every Fellow making such default shall by such default be deemed to have ceased to be a Fellow or Member, but without prejudice to the rights of "the Society" as regards the recovery of the arrears for the time being of the subscription of such Fellow or Member, it being hereby declared that such Fellow or Member shall continue liable to the payment of all such arrears.

Election of Fellows.

Removal of Fellows.

The arrangement between the Commissioners and the Society to be carried into effect.

14. And it is Our further will and pleasure, and We do further declare and grant, that "the Society" shall or may carry into effect the said arrangement between the said Commissioners and the first-mentioned Society, and that the Council of "the Society" shall or may do, perform, and execute such acts and things as shall or may be necessary or fit or expedient for that purpose, and generally for carrying into effect and performing on the part of "the Society" the said several Articles of Agreement, dated the 24th day of July 1860, and the 20th day of November 1860, and the 1st day of March 1861, respectively entered into between the said Commissioners and the first-mentioned Society, and in particular shall or may proceed to raise the said sum of £40,000, which by the first-mentioned Articles of Agreement is mentioned to be intended or to be then about to be raised by debentures, or such part or parts thereof as has not now already been or for the time being shall not have been raised, and also when and as the said Council shall think fit, the said further sum of £10,000, which, by the said Articles of Agreement of the 1st day of March 1861, the said Council are to have liberty to borrow, or any part or parts thereof, and shall or may from time to time raise again or re-borrow any part or parts or sum or sums of money, in respect of any money which shall at any time or from time to time be paid off or discharged, of or in respect of the said sums of £40,000 and £10,000, or any part thereof respectively, and shall or may for the purposes aforesaid, or any of them, or by way of security to the lenders, issue and deliver such debentures or other securities on behalf of or upon the property of "the Society" as the Council shall think fit, and without incurring any personal responsibility on account or in respect of the moneys now already raised or so to be raised or borrowed or raised again or re-borrowed, or by virtue of or under such debentures or securities, or in anywise howsoever in respect thereof, or of the matters aforesaid, or any of them; and We do hereby declare and grant that neither the Council of "the Society" nor any persons acting for or on behalf of "the Society" in the matter of the arrangement and the several Articles of Agreement, shall be personally responsible on account or in consequence thereof in anywise howsoever, and that they shall be respectively indemnified by or from the funds or property of "the Society" against all losses, costs, damages, and expenses, by reason or in consequence of the said arrangement, or the execution of the said Articles of Agreement or in relation thereto.

The Council to borrow the £40,000 and £10,000, and to have power to re-borrow any money in respect of any part thereof paid off.

The Council indemnified from liability on account of entering into the said arrangement with the Commissioners.

15. And We do further declare and grant that the Council for the time being of "the Society," or any five or more of them (all the members thereof having been first duly summoned to attend the meetings thereof), shall and may have power, according to the best of their judgment and discretion, to make and establish such byelaws as they shall deem useful and necessary for the regulation of "the Society," and of the estate, goods, and business thereof, and for carrying into effect, on behalf of "the Society," the said arrangement between the Commissioners and the first-mentioned Society, and the said several Articles of Agreement, and the affairs in general of "the Society," and all matters or things in anywise relating thereto, and such byelaws from time to time to vary, alter, or revoke and make such new and other byelaws as they shall think most useful, and expedient, so that the same be not repugnant to these presents or the laws of this Our realm. And further that the present existing byelaws of the said Society shall continue in force in their integrity, and shall be binding upon the Society hereby incorporated and the Members thereof, except and in so far as they shall be repealed or altered by any byelaw hereafter to be made by "the Society."

The Council empowered to make byelaws.

16. Provided that no byelaw hereafter to be made or alteration or repeal of any byelaw which shall hereafter have been established by the said Council hereby appointed, or by the Council for the time being of "the Society," shall be considered to have passed and be binding on "the Society" until such byelaw, or such alteration or repeal of any byelaw, shall have been adopted or confirmed at some general meeting of the Fellows at large of "the Society," either with or subject to any additions or amendments to or in the same which shall be resolved upon or adopted by such meeting (it being competent for any Fellow present at such meeting to propose or move any such addition or amendment) or in its integrity. The votes upon such byelaws or any of them or the alteration or repeal in or of any such byelaws or byelaw, or upon any motion or resolution relating thereto, to be by open voting, unless any five Fellows present shall object to open voting, and shall require, by notice in writing to that effect signed by them and delivered to the chairman, the voting to be by ballot. In the case of open voting, the majority shall bind the minority, the Chairman may vote, and in case of equality may give a second or casting vote; and provided that in the case of a ballot (but not in the case of open voting) no byelaw or alteration or repeal of any byelaw, shall be deemed or taken to pass in the

Byelaws to be confirmed at a General Meeting of Fellows.

Amendments may be made at the meeting in byelaws proposed by the Council.

Voting may be open or by ballot, if required by five Fellows present.

Voting *continued.* affirmative, unless it shall appear that two-thirds of the Fellows voting shall have voted for the same. In every case of voting by ballot two Scrutineers shall be at once appointed by the Chairman, the Fellows present may proceed forthwith to vote, and the meeting shall be adjourned to some day, not being less than five days nor more than ten days from the original meeting, for taking or continuing such ballot, of which adjourned meeting, and of the object thereof, notice shall be given in some newspaper circulating in London two days at least before the day of such adjourned meeting.

Annual meeting shall be deemed a general one.

17. And, lastly, every annual meeting shall be deemed a general meeting, and the Council may call at any time and from time to time any other general meeting of the Fellows of the Society. In case of a ballot under the 13th and 16th clauses respectively, the ballot shall be taken at an adjourned meeting on some day to be appointed at the general meeting at which the same shall be required within ten days next after such general meeting between the hours of twelve o'clock at noon and three in the afternoon. In Witness whereof We have caused these Our Letters to be made patent—

Witness Ourself at Our Palace at Westminster this Eighth day of May in the 24th year of Our reign.

Agreements between Her Majesty's Commissioners for the Exhibition of 1851 and the Horticultural Society for the Lease to the Society of a Portion of the Commissioners' Estate at Kensington Gore.

I.—Original Agreement.

Articles of Agreement made this 24th day of July in the year of our Lord 1860, between the Commissioners for the Exhibition of 1851 (hereinafter referred to as "The Commissioners"), of the one part, and the Horticultural Society of London (hereinafter referred to as "The Society,") of the other part. Whereas the Society being desirous of obtaining a suitable area in or near the metropolis for an ornamental garden, in which they may exhibit and display the progress of Horticulture, and to which they propose to admit not only their members and the holders of transferable tickets to which certain life members are and will be entitled, and also the holders of such debentures as are hereinafter mentioned (without any payment), but other visitors on payment (by such visitors) of fees for admission, have applied to the Commissioners for a lease for that purpose of a portion of their estate at Kensington Gore hereinafter described; and the Commissioners, being satisfied that the intended operations of the Society will extend the influence of the Science and Art of Horticulture upon productive industry, and that the formation of the said garden will be beneficial to their neighbouring property, have agreed to grant such lease on the terms hereinafter appearing. And whereas it has been agreed that certain earthworks for altering the levels of the land to be demised, as well for the permanent improvement thereof as for facilitating the operations of the Society, and certain arcades on the boundaries of the said land which as to some of them or some part or parts thereof shall be leased to the Society as hereinafter mentioned, and as to others or other part or parts of such arcades, shall or may be used Preamble.

Preamble *continued.*

by the Society as hereinafter mentioned, and may be available for other improvements on the estate of the Commissioners, and which may be connected with buildings which the Commissioners may hereafter cause or allow to be erected on their estate, should be formed and erected at the expense of the Commissioners, and that the other works upon the ground to be demised should be constructed and done at the expense of the Society. And whereas the land proposed to be demised as aforesaid is that piece or parcel of land at Kensington Gore, in the county of Middlesex, containing 20 acres or thereabouts, the abuttals and boundaries of which, and the sites of the proposed erections thereon or connected therewith, are particularly delineated on the plan hereunto annexed, and the Commissioners have caused to be commenced the earthworks hereinbefore mentioned. And whereas the Society, for the purpose of defraying the expense of the works to be done by them on the premises to be demised, have entered into engagements for raising the sum of £40,000 by debentures, the residue of the sum of £50,000 (the amount agreed to be expended by the Society) having been obtained by them by donations and fees on the admission of members for life. Now it is hereby mutually covenanted and agreed between the Commissioners and the Society, each covenanting for all matters and things to be done and forborne by them respectively as follows:—

£40,000 already raised by Debentures.

The Society to form a Garden, subject to approval of Commissioners, to cost not less than £50,000.

1. The Society shall, immediately after the execution of the earthworks which have been commenced as aforesaid, enter upon the said land for the purpose of laying out and constructing, and will forthwith lay out and construct an ornamental garden, with walks, trees, shrubs, terraces, steps, fountains, band-houses, statues, and vases, and in addition thereto with a conservatory or winter garden at the north end. The Society may also erect on the said land such offices and other buildings as may be necessary and convenient for the carrying on the affairs and business of the Society. The whole of the above-mentioned works to be done to the satisfaction and subject to the approval of the Commissioners; and the said ornamental garden, with the works connected therewith, to be in a state fit for opening to visitors within six months after the Commissioners shall have finished the arcades hereinafter referred to. The Society will expend in laying out and constructing the said garden, with the works and buildings aforesaid, a sum of not less than £50,000.

2. The Commissioners, simultaneously with the progress of the works hereby undertaken by the Society, will at their own cost

enclose the said ground with arcades of an architectural character, as indicated in the said plan. As respects the upper arcades coloured orange in the said plan, such arcades shall be substantial and finished buildings. But as respects the central and lower arcades, coloured blue and yellow in the said plan, the same may be of a more temporary nature. The Commissioners will expend the sum of £50,000 in and upon such earthworks as aforesaid, and in erecting the said arcades.

The Commissioners to enclose it with arcades, &c., to cost not less than £50,000.

3. If the Society shall complete the works undertaken by them as expressed in the first clause of this agreement, the Commissioners will grant to the Society a lease of the land and the garden and of the erections to be made or built thereon by the Commissioners and the Society respectively, as after-mentioned, for a term of 31 years, to be computed from the 1st day of June 1861, on the terms and conditions following.

Commissioners to grant a Lease.

4. The buildings to be included in the lease shall be all such as are to be erected by the Society, and also the said upper arcades, except the parts coloured green in the said plan. The said excepted parts of the upper arcades, and the central and lower arcades shall not be so included, but shall remain the absolute property of the Commissioners, subject to a right of way or promenade therein or thereunder during the continuance of the said lease, to be allowed to the Society and their visitors in such mode and to such extent nevertheless as respects the lower arcades, as not to prejudice or prevent the erection or letting of stalls in such lower arcades by and for the benefit of the Commissioners, which privilege, and the granting to the occupiers of stalls (but not to strangers, unless by payment by or for them to the Society of the usual charge for the admission of strangers to the gardens on the day on which such right shall be enjoyed,) right of way thereto by such access as may from time to time be appointed by the Society, the Commissioners expressly reserve to themselves; and the Commissioners also reserve to themselves the monies received from such occupiers in respect of the stalls; and such monies are not to be considered for the purposes of the provisions hereinafter contained as receipts from the garden, but shall belong wholly to the said Commissioners. And the said Society is not, without the consent of the Committee hereinafter mentioned, in any of the arcades to be demised to them, to let any part thereof for stalls or the sale of any matters (except refreshments). And with respect to the sale of refreshments, the sale thereof in the arcades to be demised to the Society shall

Buildings which are to be included in Lease.

Right of way and promenade over those portions of the arcades not included in Lease.

Right to erect Stalls reserved to Commissioners, with such access thereto as may be allowed by Society.

Society not to let Stalls in arcades without consent of Commissioners.

Sale of refreshments.

continue only until suitable permanent arrangements for the supply of the refreshments shall (with the consent of the Society) have been made by the Commissioners.

Commissioners to have power to arch over entrances into garden.

5. It is understood that the Commissioners or their assigns are to have full power to arch over, if they should think fit, all or any part of the entrances or ways into the garden, for the purpose of erecting over the space thereof any buildings, and to erect for the purposes of the arches, or of the superstructure, piers or columns on any part of the ground appropriated to such entrances or ways, so far as the same may be done without obstructing the convenient access to the garden so far as respects the entrance on the west side; and in regard to that on the east side, so far as may not interfere with the meeting rooms and offices proposed to be erected there by the Society; and the demise and grant of rights to the Society, of or in respect of the arcades, is not to prejudice the right of the Commissioners to erect, or allow to be erected, any superstructure on or building connected with the arcades, (except that no superstructure shall be erected on the demised part of the upper arcades), or to take down any of such arcades for the purpose of erecting others of a more substantial or different character, and to suspend, so far as may be necessary, during the progress of such works the right of promenade, and use by the Society of such arcades.

Right is reserved to Commissioners to erect buildings connected with arcades.

No buildings to be erected by Society without sanction of Commissioners.

6. No buildings shall be erected by the Society during the said lease without the sanction of the Commissioners, except strictly temporary buildings.

Society to keep up and surrender certain buildings, &c., at termination of lease.

What buildings, statues, conservatories, and trees are to be surrendered.

7. The Society shall keep in good repair all buildings to be included in the said lease, and all other the buildings which may be erected on the land to be demised, except the excepted parts of the upper arcades and the central and lower arcades, and the buildings by the Commissioners mentioned in Clause No. 5, which last-mentioned arcades and buildings shall be kept in good repair by the Commissioners; and the Society shall, at the end of the term, give up such buildings, except as aforesaid, in good repair, together with all the Statues and Works of Art which may be placed or put up in the gardens, and with all fixtures, including conservatories, greenhouses, and other erections at any time put up on the ground, and with all shrubs, trees, and plants that may be growing thereon: Provided that the Society be at liberty to remove all statues and works of Art, temporary conservatories, greenhouses, and other temporary structures put up by them, or with their consent, and paid for out of their own

funds, after the commencement of the said term (except in the cases where the payments for such statues or works, conservatories, greenhouses, or other structures, shall have been allowed to them out of, or as part of, the current expenses of the said garden, by the Committee hereinafter mentioned).

8. The Society shall use the demised premises for the purpose for which they have applied for the lease of the same as herein-before expressed, and for no other; and if, in the management or dealings with the demised premises, the Society do or propose any act, matter, or proceeding which, having regard to the terms and stipulations of these presents, shall, in the judgment of the Commissioners, be held unreasonable and be deemed to be prejudicial to the demised premises, or the other property of the Commissioners, or to their rights, the Commissioners shall have full power to prohibit the act, matter, or proceeding in question, and the Society shall abstain or forthwith discontinue the act, matter, or proceeding so prohibited. Society to use the premises for no other purpose than a garden.

9. The Society shall insure from loss by fire all such of the buildings to be erected on the premises demised as the Society is under Clause No. 7 bound to repair. Society to insure from loss by fire.

10. The Society shall not assign, underlet, or otherwise part with the lease to be so granted, or the premises to be so demised, except with the consent in writing of the Commissioners. Society not to assign or underlet without sanction of Commissioners.

11. All monies received from Fellows of the Society, who have already signified their intention of compounding, and who have paid or shall pay such composition, and all sums received from new life-members elected prior to the 1st day of June, 1861, shall be considered capital, and belong to, and may be invested or used by the Society for the purpose of redeeming outstanding debentures, or otherwise. What monies to be considered capital.

12. The Society shall cause to be kept an account of all monies received by them in respect of the admission to the gardens, and of all monies received by them from members for annual subscriptions (not compositions from Fellows nor life-memberships) received or subscribed for subsequent to those which are included in the amount of £50,000 mentioned in the recital to these presents, and all monies paid or to be paid for admission of any person to the Society on terms conferring any right of entering the gardens, all which monies and such proportion or annual sums from time to time as hereinafter mentioned, of or in respect of the monies received for compositions from Fellows who shall, after the execution of these presents, signify Accounts to be kept by Society. Apportionment of monies received.

their intention of compounding, and for life-memberships of Fellows elected after the said 1st day of June, 1861, are to be considered and are hereinafter referred to, as "receipts from the Gardens," and such accounts shall be rendered, and the rents hereinafter stipulated for, so far as they can be ascertained, paid half-yearly to the Commissioners.

Apportionment of monies received from compositions.

13. With respect to monies received for compositions from Fellows, who, after the execution of these presents, shall signify their intention of compounding, and for life-memberships of Fellows elected after the said 1st day of June, 1861, the same shall be accounted for and disposed of in manner following (viz.), the annual receipts of the Society from such compositions from Fellows and from such life-members as last aforesaid, shall be taken in making out the account above referred to according to the number of such Fellows and members respectively in existence at the commencement of each financial year, and at the rate for each of such Fellows and members respectively, of one-fifteenth of the sum which he may have paid for composition, or in lieu of annual payments, or for admission, namely, at the rate of £2 16*s.* for each Fellow or member who may have paid £42, and at the rate of £1 8*s.* for each Fellow or member who may have paid £21, and the Society shall be charged in such financial year with such "annual receipts" as part of the "receipts from the gardens;" and subject to the stipulation in the present clause, all sums of money paid to the Society for the composition of annual payments by Fellows, and for the admission of Fellows as life-members, may be applied and disposed of as part of the general funds of the Society, or in such manner as the Society shall think fit.

Disposal of monies received.

14. Out of the gross amount of the "Receipts from the Gardens" there shall be first retained by the Society such a sum as shall from time to time be allowed by the Committee hereinafter mentioned, in respect of the expenses of the Chiswick garden, or other garden in lieu thereof, to be kept up for experimental or scientific purposes, the reasonable expenses of the management of the Society, including the expenses of the exhibition in the demised grounds (or elsewhere, with the consent of the Commissioners) of flowers, fruits, and other articles; bands, police, and other general and necessary expenses; and also sums to be given for medals or prizes for competition for articles shown at such exhibitions; and further in respect of the current expenses of the gardens, to be laid out and constructed under these pre-

1. In payment of necessary expenses.

sents, including the repairs to be done by the Society, costs of insurance, and any structural or other improvements or ornaments which the Committee may think fit, which allowance shall from time to time proceed and be made upon a fair and reasonable basis, and so as to keep and maintain the said gardens and all the buildings, improvements, and ornaments upon and belonging thereto in thoroughly good order and condition. 2ndly. There shall be then retained by the Society out of such receipts, the amount which may be from time to time payable by the Society in respect of interest, not exceeding 5 per cent., on the sum of £40,000 which they have borrowed on debentures as aforesaid, or on so much of the said sum of £40,000, as may remain unpaid or undischarged; and, 3rdly. There shall then be paid by the Society to the said Commissioners as rent, the yearly sum of £2,145, if the receipts shall be adequate for such payment after retaining to the Society the sums authorised to be retained by them under the 1st and 2nd heads of the present clause, but otherwise such a sum only as shall be equal from year to year to the residue of the receipts over and above the sums so in precedence. And if there shall remain any surplus over and above the said several payments hereinbefore directed to be made or retained out of the "Receipts from the Gardens," there shall be paid to the Commissioners for their own use and as additional rent yearly, a sum equal to half such surplus.

2. In payment of Interest on Debentures.

3. In payment of Rent.

4. Division of the surplus.

15. For the purpose of regulating the amount to be retained by the Society in each year for expenses, a Committee shall be appointed annually, which Committee shall consist of six persons, three of whom shall be appointed by the Commissioners, and three by the Society, and any three of such Committee shall form a quorum, so as one at least shall be a person appointed by the Commissioners, and one a person appointed by the Society. Seven days' notice of every meeting of the Committee shall be given in writing to each member of the Committee by a letter to be sent by the post. As vacancies may occur in each year by death, incapacity, or resignation, such vacancies may be filled up respectively by the Commissioners or the Society according as the original appointments were made by them respectively.

Expenses Committee.

16. The Committee shall from time to time select one of those Committee men who have been appointed by the Commissioners as Chairman of such Committee, which Chairman shall have the power of voting on all occasions equally with the other committee men for the time being, acting; and such Chairman, in case of

Chairman of Expenses Committee.

Committee has power to make byelaws.

equality, to have a casting-vote in addition; and the Committee shall have power to make byelaws for their own government in the execution of the duties confided to them.

Society to apply ⅗ths of their share of surplus in liquidating debentures.

17. The Society shall devote and apply towards the liquidation of the debt of £40,000 (being the amount which they have so raised by debentures as hereinbefore recited), three-fifths of the money actually received by them from time to time in respect of the "Receipts from the Gardens," after the payments directed to be retained out of the said receipts for expenses and interest by the Society, and the rent to the Commissioners.

Consequences of failure to pay rent.

18. In case it shall happen, after the expiration of the first five years of the lease, that the sum or sums payable thereunder to the Commissioners as rent, shall fail in every one of any five consecutive years subsequent to the first five years to be equal to the sum of £2,145 per annum, then, and in any such case, it shall be lawful for the Commissioners to re-enter upon the said demised premises, and to resume full and absolute possession thereof, with all improvements therein, and all erections thereon, and with all the plants, shrubs, and trees in and about the same, and out of whatever fund the same may have been paid for, and that without making any compensation whatsoever to the Society. Provided always, that the right of re-entry shall not arise if the Commissioners, from the commencement of the term, have, under the aforesaid provisions, received such a sum of money for rent as would, reckoning from such commencement to the expiration of the last year in which such continued deficiency shall occur, amount to an average sum of £2,145 per annum.

Commissioners' title accepted as good.

19. The Society shall not require the Lessors' title to be deduced, nor shall any objection be made on the ground that a part or the whole of the ground to be demised is on mortgage, and that the mortgagees do not concur.

Renewal of Lease.

20. The Society shall have the right of giving to the Commissioners, two years before the expiration of the term of 31 years (provided such lease shall not have been previously determined or become subject to be determined under the proviso for re-entry hereinbefore mentioned or contained), a notice in writing calling upon the Commissioners to renew the lease to be so granted for a further term of 31 years, to commence at the expiration of the first term of 31 years, subject to all and every the terms and conditions on which the original term is to be granted, except the right of renewal, and except as hereinafter appears. And in case of such notice being given, the Com-

missioners (provided the original term shall not have become liable to forfeiture after the giving of such notice) will either grant a renewal in accordance with such notice and these presents, or, at their option, may decline to grant such renewal on the terms and conditions of their taking upon themselves at the end of the original term of 31 years, the payment of such amount of the original debenture debt of £40,000 as may remain unpaid and undischarged at the expiration of that term, provided such amount do not exceed £20,000, or upon condition of taking upon themselves the payment of £20,000, part of such debt, if there remain owing a larger sum than £20,000 at the expiration of such term, which sum of £20,000 so to be paid by the Commissioners shall be applied in discharge or satisfaction of the unpaid debentures for the time being rateably and without preference or priority. If, on the other hand, the debenture debt shall at the expiration of such term be less than £15,000, or in case there should be no part of the said debenture debt then owing or unpaid, the Commissioners, in the former case, shall pay to the Society such a sum as when added to the amount of debenture debt then owing or unpaid, shall constitute a total sum of £15,000; and the Commissioners shall in the latter case pay to the Society the full sum of £15,000; and the Commissioners shall make their election to renew or take upon themselves such payment within six calendar months from the receipt of the notice requiring a renewal. If the Commissioners elect to renew, a renewal shall take place accordingly, but the proviso for re-entry shall be so framed as to operate immediately and without a suspension of the first five years of the renewed term.

Conditions on which Commissioners may decline to renew.

21. If the Commissioners elect not to renew, they shall give a bond under their common seal to the Society, to secure the due performance of the obligation which they are to undertake in respect of the portion of debt of the Society, not exceeding £20,000 remaining unpaid, or of the payment of the sum not exceeding £15,000 as aforesaid, as the case may be, in which bond some certain day, not being more than 12 months from the date thereof, shall be named for the principal sum of money thereby conditioned to be paid, and in the meantime interest at the rate of £5 per cent. per annum shall be payable thereon.

Obligation to be granted by Commissioners, if they elect not to renew.

22. The costs of the original lease and counterpart, and of any renewal, and of these presents shall be paid by the Society.

Costs of Lease and renewal to be borne by Society.

23. If either of the parties hereto shall differ as to the construction of the terms and provisions herein contained, or the

Differences to be settled by arbitration.

mode in which this present agreement is to be executed, or as to the provisions to be contained in any lease to be granted in pursuance of these presents, then all questions in difference shall, on the application of either party, be determined by an arbitrator to be named in writing by Her Majesty's Attorney-General for the time being; and the decision of such arbitrator in writing, within the time, and as shall be directed by the said Attorney-General, shall be binding on all parties. In witness, whereof, the Commissioners and the Society have hereunto affixed their Common Seals above written.

II.—Supplemental Agreement.

Preamble.

Articles of Agreement made this 20th day of November in the year of our Lord 1860, between the Commissioners for the Exhibition of 1851 (hereinafter referred to as "The Commissioners") of the one part, and the Horticultural Society of London (hereinafter referred to as "The Society") of the other part. Whereas by certain articles of agreement bearing date the 24th day of July 1860, and made between the Commissioners of the one part and the Society of the other part, it hath been covenanted and agreed between the Commissioners and the Society that certain works shall be done and executed by the Commissioners and the Society respectively in and upon a piece of land part of the estate of the Commissioners at Kensington Gore, which piece of land is agreed and intended to be used as an ornamental garden in which may bé exhibited the progress of Horticulture, and which land is hereinafter referred to as "the gardens," and that on certain terms and subject to certain conditions therein specified a lease of the gardens should be granted by the Commissioners to the Society renewable as therein mentioned. And whereas the intended works are now in progress; and whereas the Society require for purposes connected with their said undertaking the use of some additional land adjoining or near "the gardens," and the Commissioners have allowed the Society to take and have possession for such purposes of certain land adjoining the gardens which is shown on the plan hereunto annexed and specified by a red colour, and which land is hereinafter referred to as "the additional land," but the Commissioners have declined to include such land in the lease to be granted, as they may require to resume possession of the same for other purposes; and whereas an access to the gardens is at present

afforded by means of a lane or path shown on the said plan and marked with the colour brown, but the Commissioners have declined to include in the lease the use of such way, as it might interfere with other arrangements to be made by them of and concerning other parts of their estate at Kensington Gore; and whereas with the view to the mutual convenience of the Commissioners and the Society, it hath been agreed to make and enter into this agreement as supplemental to the said recited agreement of the 24th day of July 1860: now it is hereby mutually covenanted and agreed between the Commissioners and the Society, each covenanting for all matters and things to be done and forborne to be done by them respectively as follows, viz.:—

Preamble *continued.*

Additional land leased. Lease terminable on six months' notice on either side.

1. The Society shall have and continue to hold possession of the additional land, viz., of all that piece of ground shown in the plan hereto annexed and marked with the colour red, as tenants thereof from year to year under the Commissioners, such tenancy to be held and understood as commencing on the 24th day of June last, until the Commissioners shall think fit to resume possession of the same, which they shall be at liberty to do at any period of the year without reference to that on which the tenancy commenced, on giving six calendar months' notice in writing of their intention so to do, and subject to the stipulations and conditions hereinafter contained; or the Society may give up the same on six months' notice at the end of any current year of their tenancy.

Gardeners' house, engine-house, and other buildings to be erected thereon, subject to approval of Commissioners.

Society not to underlet, or allow rights or easements to be obtained.

2. The Society shall build thereon a gardeners' house, an engine house, tanks, and other buildings required for the purpose of the said undertaking, with the necessary works and appliances, but no other erections or buildings whatsoever, and all such buildings, except strictly temporary buildings, shall be erected in accordance with plans previously submitted to and approved by the Commissioners, and shall be completed to their entire satisfaction, or otherwise the Society shall not be entitled to the benefit of this agreement; and the said additional land shall be used only for the purposes of the said undertaking, and shall not be underlet or assigned by the said Society to any person or persons whomsoever, and shall not be so used as to allow the public or any other person or persons to obtain any rights or easements over the same that can or may in any way interfere with the use thereof by the said Commissioners for any purposes or purpose whatsoever; and the Society will, at the request of the Commissioners, do and allow to be done all acts and things

the Commissioners may think necessary to prevent any such rights or easements being obtained.

Rent, 1s.

3. Until the Commissioners shall resume possession of the said additional land under the provisions in that behalf hereinbefore contained, the Society will yearly pay to the Commissioners the rent of 1s. as an acknowledgment of the tenancy of the said land and of the use of the easement hereinafter agreed to be granted to them, the first yearly payment to be made on the 24th day of June 1861.

Society's right of access to Gardens.

4. The Society shall, so long as the Commissioners think fit, have a right to use the road or way specified by the colour brown on the said plan as an access to the gardens, and the Commissioners shall not stop up or interfere with such right unless and until they shall provide another road for the use of the Society in lieu thereof; and in case the Commissioners think fit to stop the said access to the said gardens, the said Commissioners shall find and provide some other fit access to such gardens, which access they shall be at liberty nevertheless from time to time to alter as they shall think fit.

If Commissioners resume possession of this land they are bound to provide other land in lieu thereof, and to reinstate the buildings upon it at their cost.

5. In case the Commissioners shall desire to resume possession of the additional land, and the Society shall continue at the time of the service of the six months' notice entitled to the lease agreed to be granted to them under the said agreement of the 24th day of July 1860 (such lease not being forfeited or liable to forfeiture), the Commissioners shall, before the expiration of such notice, appropriate for the use of the Society as tenant from year to year, and subject to like provisions to those herein contained, some portion of their estate at Kensington Gore convenient for the purposes for which it is intended to use the additional land: And also that they the said Commissioners shall and will within the period of six months after service of such notice, and at their cost and expense, reinstate upon the land to be so appropriated as aforesaid the buildings and works as nearly as possible in the same condition as the buildings and works erected on the additional land.

Land so substituted to be held under same terms as this.

6. All land to be substituted for the additional land shall be held by the Society, subject to all the stipulations herein contained, particularly the right of the Commissioners again to resume possession thereof on terms similar to those herein specified as regards the additional land, and nothing herein contained shall give to the Society any lien or claim on the whole or any particular portion of the estate of the said Commissioners, so as to prevent them doing as they may think fit with their said estate.

7. The Commissioners shall have full power and absolute right to take and resume possession, without paying any compensation whatever, of all the additional land for the time being appropriated for the purposes of the said Society as aforesaid, and all erections and buildings thereon, in case the Society shall do or commit any act or default which would be or amount to a forfeiture of the lease agreed to be granted to them by the said agreement of the 24th day of July 1860; and in the event of such forfeiture such possession may be taken without the six months' notice; and they may also in the event of the Society doing or committing any such act or default stop up the aforesaid access altogether without any such notice.

Commissioners have right of resumption without compensation if Society commit a forfeiture.

8. The Society shall, so long as any tenancy shall continue under this agreement, either as regards the land, the immediate subject matter thereof or any other land to be appropriated in lieu thereof, pay all rates and taxes payable in respect of such land, and keep the same in good order and condition, and shall insure and keep insured all buildings and erections thereon, and shall keep such buildings and erections in good and tenantable repair, and generally in all cases not hereby expressly provided for, the said land hereby agreed to be let and any land to be substituted for it shall be used and dealt with as if comprised in the agreement of the 24th day of July 1860, or in the lease to be granted pursuant thereto.

Society to pay all rates and taxes for this additional land.

9. If either of the parties hereto shall differ as to the construction of the terms and provisions herein contained, or the mode in which this present agreement is to be executed, or as to what might or ought to be done or forborne in pursuance or by virtue of or under the terms and stipulations herein, or in reference to any other matter or thing arising under these presents, then all questions in difference shall, on the application of either party, be determined by an arbitrator to be named in writing by Her Majesty's Attorney-General for the time being, and the decision of such arbitrator in writing within the time and as shall be directed by the said Attorney-General shall be binding on all parties. In witness whereof the said Commissioners and the said Society have hereto affixed their Common Seals above written.

Arbitration clause.

III.—Second Supplemental Agreement.

Articles of Agreement made the 1st day of March in the year of our Lord 1861 between the Commissioners for the Exhi-

Preamble. bition of 1851 (hereinafter referred to as "The Commissioners") of the one part, and the Horticultural Society of London (hereinafter referred to as "the Society") of the other part. Whereas by certain articles of agreement bearing date the 24th day of July 1860, and made between the Commissioners of the one part and the Society of the other part, it was mutually covenanted and agreed between the Commissioners and the Society that certain works should be done and executed by the Commissioners and the Society respectively in and upon a certain piece of land, part of the estate of the Commissioners at Kensington Gore, which piece of land is agreed and intended to be used as an ornamental garden, and is in the now reciting agreement, as well as hereinafter, referred to as "the gardens;" and that, on certain terms and subject to certain conditions therein specified, a lease of the gardens should be granted by the Commissioners to the Society for the term of thirty-one years, computed from the 1st day of June 1861, renewable as therein mentioned. And whereas it was by Clause 1 of that agreement provided that the Society should expend in laying out and constructing the said gardens, with the works and buildings in the said agreement in that behalf specified, a sum of not less than £50,000; and it was by Clause 2 of that agreement provided that the Commissioners, subject to the conditions therein mentioned, should expend the sum of £50,000 in and upon the works by them to be done in accordance with the said agreement. And whereas it is provided by Clause 14 of the said agreement that out of the gross amount of the receipts from the gardens certain expenses therein mentioned should be retained by the Society; and, secondly, that there should be then retained by the Society the amount which might be payable by the Society in respect of interest not exceeding £5 per cent. on the sum of £40,000, which it appears by the recitals therein contained they had borrowed or arranged to borrow on debentures, or on so much of that sum as might remain unpaid or undischarged; and, thirdly, there should be paid by the Society to the Commissioners, as rent, the yearly sum of £2,145, if the receipts should be adequate for such payment after retaining to the Society the sums authorised to be retained by them under the first and second heads of that clause, but otherwise such a sum only as should be equal from year to year to the residue of the receipts over and above the sums so in precedence, and if there should remain any surplus over and above the several payments thereinbefore directed to be made or retained out of the receipts from the gardens, there

should be paid to the Commissioners for their own use, and as an additional rent, yearly, a sum equal to half such surplus. And whereas Clause 17 of such agreement provides that the Society shall devote and apply towards the liquidation of the debt of £40,000 three-fifths of the money actually received by them from time to time in respect of the receipts from the gardens after the payments directed to be retained out of such receipts for expenses and interest by the Society, and the rent to the Commissioners; and it is by the 18th Clause of such agreement provided that the Commissioners shall have a right of re-entry in certain events in case of such continued non-payment of the rent of £2,145 as therein mentioned. And whereas it is provided by the 20th Clause of such agreement that the Society shall have a right to give such notice as therein mentioned, calling for a renewal of the lease to be granted to them, and the Commissioners may either grant such renewal or decline to grant it, on the terms and conditions of their taking upon themselves at the end of the original term of thirty-one years the payment of such amount of the original debenture debt of £40,000 as should remain unpaid and undischarged at the expiration of that term, provided such amount do not exceed £20,000, or upon condition of taking upon themselves the payment of £20,000, part of such debt, if there remain owing a larger sum than £20,000, with a provision that if the debenture debt shall be less than £15,000, or in case no part of the debenture debt shall be then unpaid, the Commissioners would pay a sum of £15,000 in manner and for the purposes in that clause mentioned. And whereas the Society and the Commissioners are each desirous of respectively having the right of increasing the outlay by them respectively undertaken to be made by the said agreement, to any amount not exceeding as to each of them the sum of £10,000 over and above the respective sums of £50,000 by them respectively undertaken to be laid out as aforesaid, and of acquiring such rights and privileges as herein appear in respect of such additional outlay, if made. Now, it is hereby mutually covenanted and agreed between the Commissioners and the Society, each covenanting for all matters and things to be done and forborne by them respectively, as follows:— Preamble *continued.*

1. That the Society may at any time before the 1st day of January 1864, if they think fit (but they are not hereby required so to do, notwithstanding any additional outlay that may be made by the Commissioners), borrow and take up on their debentures or other securities, any sum or sums not exceeding in the whole Society to have power to borrow £10,000 additional.

the sum of £10,000, in addition to the sum of £40,000 in the agreement mentioned as having been borrowed, or for the borrowing of which arrangements had been made, and may within the like period lay out and expend the sum or sums so borrowed in addition to the original sum of £50,000 therein mentioned in and about such works and things as are in the 1st Clause of the said recited agreement undertaken to be done by them, and in and about which the original sum of £50,000 is required by that clause to be expended, such additional sum or sums nevertheless being laid out and expended in such mode, and the works on which the same shall be expended to be subject to the like approval, as in that clause provided in respect of the sum of £50,000 as therein mentioned.

Commissioners in like manner to have power to borrow £10,000 additional.

2. That the Commissioners may, if they think fit at any time before the 1st day of January 1864, (but are not hereby required so to do, notwithstanding any additional outlay that may be made by the Society,) lay out and expend such sum or sums of money as they may think fit, not exceeding in the whole the sum of £10,000 in addition to the original sum of £50,000 in Clause 2 of the said agreement mentioned, in and about such works, matters, and things, as by that clause are undertaken to be done by them, and in and about which the sum of £50,000 is required by that clause to be expended by them.

No claim to arise against either party for such additional borrowing, except as follows:

3. In case both or either of the parties hereto think fit to make any such outlay, such parties respectively or party shall have no claim or demand against the other of them or against the gardens or against the receipts from the gardens save and except as hereinafter mentioned, viz., that with a view to compensate such parties respectively or party in some degree for such additional outlay, the following alterations shall be made in the said recited agreement, and in the lease to be granted pursuant thereto, viz.:—

Alteration on Clause (14) in first agreement as to disposal of receipts, viz., 1. Necessary expenses enlarged.

4. The 14th Clause of the said recited agreement shall be altered and amended as follows, viz., out of the gross amount of the receipts from the gardens there shall be first retained by the Society such a sum as shall from time to time be allowed by the Committee mentioned in Clause 15 of the said agreement in respect of the expenses of the Chiswick Garden, or other garden in lieu thereof, to be kept up for experimental or scientific purposes, the reasonable expenses of the management of the Society, including the expenses of the Exhibition on the demised grounds (or elsewhere with the consent of the Commissioners), of flowers, fruits, and other articles, bands, police, and other general and

necessary expenses, and also sums to be given for medals, or prizes for competition for articles shown at such Exhibition, and further in respect of the current expenses of the gardens to be laid out and constructed under the said agreement, including the repairs to be done by the Society, costs of insurance, and any structural or other improvements or ornaments which the Committee may think fit, which allowance shall from time to time proceed and be made upon a fair and reasonable basis, and so as to keep and maintain the said gardens, and all the buildings, improvements, and ornaments upon and belonging thereto in thoroughly good order and condition; secondly, there shall be then retained by the Society out of such receipts the amount which may be from time to time payable by the Society in respect of interest not exceeding 5 per cent. per annum on the sum of £40,000 originally borrowed or agreed to be borrowed by them on debentures as aforesaid, and on any further sum or sums they may borrow and expend in accordance with Clause 1 of this agreement not exceeding £10,000, or on so much of the original and additional sums as for the time being may have been raised and shall not have been paid off; and, thirdly, there shall then be paid by the Society to the said Commissioners as rent the yearly sum or sums hereinafter in that behalf mentioned, if the receipts shall be adequate for such payment, after retaining to the Society the sums authorised to be retained by them under the first and second heads of the present clause, but otherwise such a sum only as shall be equal from year to year to the residue of the receipts over and above the sums so in precedence, viz., if the Commissioners shall limit their outlay under Clause 2 of the said recited agreement to £50,000 then the yearly sum of £2,145 only, but if under Clause 2 of this agreement they shall expend a larger sum, then an addition shall be made to such rent at the rate of £4 5*s*. for every additional £100 which the Commissioners shall think fit to expend in accordance with that clause, not exceeding £10,000 in the whole. And if there shall remain any surplus over and above the said several payments hereinbefore directed to be made or retained out of the "receipts from the gardens," there shall be paid to the Commissioners for their own use, and as additional rent yearly, whether or not they make any additional outlay, a sum equal to half such surplus.

2. Interest on debentures both for the £40,000 and £10,000 borrowed.

3. Additional rent.

4. Division of surplus.

5. The 17th Clause of the said recited agreement shall be altered as follows, viz., the Society shall devote and apply towards the liquidation of their debenture debt, whether it amount to the

Three-fifths of surplus to be applied in liquidation of debentures

original sum of £40,000 only, or any increased amount under the authority of Clause 1 of this agreement, three-fifths of the money actually received by them from time to time, in respect of the "receipts from the gardens," after the payments directed to be retained out of the said receipts for expenses and interest by the Society and the rent to the Commissioners.

Consequences of failure to pay rent altered to suit additional sum borrowed.

6. The 18th Clause of the said recited agreement shall be altered as follows, viz., in case it shall happen after the expiration of the first five years of the lease, that the sum or sums payable thereunder to the Commissioners as rent shall fail in every one of any five consecutive years subsequent to the first five years, to be equal to the sum of £2,145 per annum, in case only that sum shall be payable, or to such larger amount as is hereby made payable as rent to the Commissioners, in respect of any additional outlay under Clause 2 of this agreement, if such increased rent become payable, then and in any such case it shall be lawful for the Commissioners to re-enter upon the said demised premises, and to resume full and absolute possession thereof, with all improvements therein and all erections thereon, and with all the plants, shrubs, and trees, in and about the same, and out of whatsoever fund the same may have been paid for, and that without making any compensation whatsoever to the Society; provided always, that the right of re-entry shall not arise if the Commissioners from the commencement of the term have, under the provisions herein or in the said recited agreement contained, received such a sum of money for rent as would, reckoning from such commencement to the expiration of the last year in which such continued deficiency shall occur, amount either to an average sum of £2,145 per annum (if only £50,000 shall have been expended by them), or (in case of an additional outlay by the Commissioners under the 2nd Clause of these presents) to an average sum equal to £2,145 and interest at £4 5*s.* per cent. per annum on the amount of such additional outlay.

Clause 20 of first agreement altered to include additional sum borrowed.

7. Provided always that nothing herein contained or to be done under the authority of these presents shall alter or prejudice the rights of the respective parties under Clause 20 of the said recited agreement, save and except that in estimating the debenture debt of the Society for which under that clause provision or compensation is to be made by the Commissioners, regard shall be had not only to the original debt raised by the Society, but to the increased or additional debt raised by the Society under the authority of these presents; and in case the

aggregate amount of those debts remaining unsatisfied shall exceed £20,000, the said Clause No. 20 shall be read as if the sum named for defining the ultimate liability of the Commissioners had, in lieu of the sum of £20,000, been such a sum as would be equal to £20,000, and in addition thereto one-half of the sum actually raised by the Society by debentures or other securities under the authority of Clause No. 1 herein contained; and it is hereby expressly declared that the provision in the said Clause No. 20, as to the payment of £15,000 by the Commissioners in either of the events therein mentioned, shall not be altered or prejudiced by these presents.

Second agreement not to be affected by anything in this agreement.

8. Nothing herein contained shall prejudice or affect a certain supplemental agreement made between the Commissioners and the Society, and bearing date the 20th day of November 1860, save only that such last-mentioned supplemental agreement shall be held and taken to be an agreement supplemental to the original agreement, as altered by these presents.

Costs to be borne by Society.

Lastly, all costs, charges, and expenses of and incident to this agreement shall be borne and paid by the Society.

In witness whereof the said parties to these presents have hereunto set their corporate seals the day and year first above written.

LXVII.—GENERAL MEETING, May 14.

An Ordinary Meeting of the Society was held on Tuesday, the 14th of May, in the Council Room at the Gardens, South Kensington, The Lord Bishop of Winchester, V.P., in the Chair, when the following candidates were balloted for and elected Fellows:—

Alderson, Mrs. James, 17, Berkeley Square, W.
Badcock, Philip, Esq., London Street, Paddington, N.W.
Baldock, Mrs., 8, Princes Gardens, Hyde Park, W.
Barlow, Edmund, Esq., 36, Rutland Gate, W.
Barry, Mrs. Smith, Mudbury Hall, Northwich, Cheshire.
Beever, John Holt, Esq., 8, Charles Street, St. James's Square, S.W.
Benyon, The Rev. Edw. Richard, 33, Portman Square, W., and Culford, Bury St. Edmunds.
Blackwell, Thomas, Esq., 21, Soho Square, W.C.
Blois, Lieutenant-Colonel, T. F., United Service Club, Pall Mall, S.W.
Bray, Mrs., 12, Thurloe Place, Brompton, S.W.
Breach, James, G., Esq., Ashburnham House, Chelsea, S.W.
Burmester, John William, Esq., 17, Princes Terrace, Hyde Park, S.W.
Butler, Charles Edward Kingstone, Esq., 13, Onslow Square, Brompton, S.W.

Candy, Charles Percy, Esq., Wellfield, Streatham, S.
Cawdor, The Earl of, 74, South Audley Street, W.
Chesham, The Lord, 19, Grosvenor Square, and Latimer, Chesham, Bucks.
Chinnery, Rev. Sir Nicholas, Bart., 18, Hyde Park Square, W.
Clarke, Mr. William, 25, Bishopsgate Street Within, E.C.
Coakley, Mrs., 40, Thurloe Square, S.W.
Cole, John, Esq., 30, Rutland Gate, S.W.
Coleman, Miss, 31, Hyde Park Square, W.
Coulson, William, Esq., 1 Chester Terrace, Regent's Park, N.W.
Crosse, Edmund, Esq., 21, Soho Square, W.C.
Crossley, Frank, Esq., M.P., 60, Eaton Square, S.W.
Cumming, Rev. John, D.D., 7, Montague Place, Russell Square, W.C.
Cursetjee, Ardaseer, Esq., F.R.S., F.R.A.S., C.E., 6, Montague Place, Hammersmith, W.
Cust, Hon. Col. Peregrine, 73, South Audley Street, W.
Dart, Joseph Henry, Esq., 27, Cleveland Square, Hyde Park, W.
Davis, George A., Esq., 28, Spring Gardens, S.W.
Davis, Lady, Hollywood, Gloucestershire.
Davis, Miss, Hollywood, Gloucestershire.
Davis, Miss Florence, Hollywood, Gloucestershire.
Day, Mrs. Carina, 14, Chesterfield Street, May Fair, W.
Delafosse, Francis J., Esq., 16, Cleveland Square, Hyde Park, W.
Dewar, James, Esq., 6, Charles Street, Lowndes Square, S.W.
Dobie, John, Esq., R.N., Marlborough Chambers, 49, Pall Mall, S.W.
Doherty, Lieut.-General Sir Richard, United Service Club, Pall Mall, S.W.
Domville, William Henry, Esq., 26, Gloucester Crescent, Hyde Park, W.
Dorington, Mrs., 11, Queen's Square, St. James's Park, S.W., and Lypiatt Park.
Durham, John Henry, Esq., 6, Alexander Square, Brompton, S.W.
Durham, Joseph, Esq., F.S.A., 21, Devonshire Street, Portland Place, W.
Edmonds, Mrs., 30, Brompton Square, S.W.
Edmonds, Miss, 4, Cranley Terrace, Fulham Road, Brompton, S.W.
Edmonds, Miss Clara Ward, 35, Brompton Crescent.
Edmonds, Miss H. M., 35, Brompton Crescent.
Fawcett, Mrs. Walter T., 11, Westbourne Street, Hyde Park, W.
Firmin, Miss, 15, Hornton Street, Kensington, W.
Forster, Ralph William Elliot, Esq., 4, Stone Buildings, Lincoln's Inn, W.C.
Foster, Mrs. George Holgate, The Holme, Regent's Park, N.W.
Fussell, The Rev. James G. C., 16, Cadogan Place, S.W.
Gardiner, James R., Esq., Buckingham Gate, S.W.
Gassiot, John P., Esq., Junr., 6, Sussex Place, Regent's Park, N.W.
Giffard, Mrs. G. M., 4, Princes Gardens, Hyde Park, W.
Gore, Miss, 8, Princes Gardens, Hyde Park, W.
Gosset, J. J., Esq., 2, Hertford Street, May Fair, W.
Graham, Francis J., Esq., Cranford, Hounslow.
Green, John, Esq., 19, Sumner Place, Brompton, S.W.
Green, Mrs., 19, Sumner Place, Brompton, S.W.
Green, Miss Adelaide, 19, Sumner Place, Brompton, S.W.
Greenall, Gilbert, Esq., M.P., 12, Princes Gate, Hyde Park, S.W., and Walton Hall, Warrington.
Haig, John Bemersyde, Esq., 14, Chapel Street, Belgrave Square, S.W.
Harrison, Wm., Esq., F.S.A., F.G.S., Galligreares House, Blackburn, Lancashire.
Heard, George Gustavus Gilbert, Esq., F.S.A., F.R.G.S., 18, Devonshire Terrace, Hyde Park, W.

Hill, Henry, Esq., F.S.A., 2, Curzon Street, May Fair, W.
Holland, James, Esq., Ranelagh House, Pimlico, S.W.
Hudson, Robert, Esq., F.R.S., Clapham Common, S.
Jacobs, Mrs., 110, Gloucester Place, Portman Square, W.
Jervoise, Francis Jervoise Ellis, Esq., 13, Chester Street, Grosvenor Place, S.W., and Herriard Park, Hants.
Joel, Mrs. Joseph, Brompton Hall, Brompton, S.W.
Jones, John, Esq., Clock House, Wandsworth, S.
King, Cecil, Esq., 41, Brompton Crescent, S.W.
King, Mrs., 41, Brompton Crescent, S.W.
King, W. J., Esq., 41, Brompton Crescent, S.W.
Kinnear, John Boyd, Esq., 53, Victoria Road, Kensington, W.
Laird, William, Esq., Conservative Club, Pall Mall, S.W.
Lanesborough, The Earl of, 8, Great Stanhope Street, May Fair, W.
Lane, Mrs. Stuart, 8, Chesham Place, Belgrave Square, S.W.
La Touche, Charles H., Esq., 12, St. Paul's Churchyard, E.C.
Lermitte, James H., Esq., Knightons, Finchley, W.
Lewis, Arthur, Esq., 43, Jermyn Street, S.W.
Lloyd, Mrs. Charles, Merton Lodge, Chiswick, W.
Lindsay, Sir Coutts, Bart., 11, Grosvenor Square, W., and 6, Cromwell Place, South Kensington, W.
Lynch, Richard Marcus, Esq., Rose Hill, Putney, Surrey, S.W.
Macdoneld, Miss Anna, 30, Pembridge Gardens, Bayswater, W.
Macnaghten, Mrs. Stewart, Bittern Manor House, Southampton.
Martin, Mrs. Theodore, 31, Onslow Square, S.W.
Morris, Miss Jane, 7, Connaught Place, W.
Moss, Arthur, Esq., 22, Kensington Park Gardens, W.
Mottram, Samuel, Esq., 23, Brunswick Square, W.C.
Murray, Mrs. James, 16, Bryanston Square, W.
McMullen, William George, Esq., 6, Leadenhall Street, E.C.
Nathan, Mrs., 13, Craven Hill, Hyde Park, W.
Nicholson, James, Esq., Woodhatch, Reigate.
Oakeley, Richard Banner, Esq., 27, Leinster Square, Bayswater, W.
Padgett, James Dearle, Esq., Holland Villa, Addison Road, Kensington, W.
Paul, Miss Frances, 10, Onslow Crescent, Brompton, S.W.
Pickering, Arthur Proctor, Esq., 42, Princes Gate, W.
Pickering, Mrs. Arthur, 42, Princes Gate, W.
Pickering, William Percival, Esq., 42, Princes Gate, W.
Piesse, C. W. Septimus, Esq., Merton Place, Chiswick, W.
Plumer, Hall, Esq., 15, Sussex Gardens, Hyde Park, W.
Pritchard, Mrs. John, 89, Eaton Square, S.W.
Rawlinson, Sir Henry, K.C.B., Athenæum Club, Pall Mall, S.W.
Reeve, John, Esq., Conservative Club, St. James's Square, S.W.
Reid, Mrs., 11, Lower Grosvenor Street, W.
Rokeby, Major-General, The Lord, K.C.B., Montague House, Portman Square, W., and Hazlewood, King's Langley, Herts.
Rokeby, The Lady, Montague House, Portman Square, W., and Hazlewood, King's Langley, Herts.
Rose, Philip, Esq., 59, Rutland Gate, Hyde Park, W.
Saul, George Thomas, Esq., Bow Lodge, Bow, E.
Shank, Alexander, Esq., 43, Wilton Crescent, Belgrave Square, S.W.
Sharpe, Miss Caroline, 4, The Grange, Michael's Grove, Brompton, S.W.
Sharpe, Miss Laura J., 4, The Grange, Michael's Grove, Brompton, S.W.
Sloane, Miss Mary, 8, Courtland Terrace, Kensington, W.
Smee, Alfred, Esq., F.R.S., 7, Finsbury Circus, E.

Smith, William Atwell, Esq., 9, Michael's Grove, Brompton, S.W.
Spicer, W. Revell, Esq., 12, Highbury Place, N.
Spicer, Mrs. M. G., 12, Highbury Place, N.
Somervell, William, Esq., Hendon Park Villas, Hendon, N.W.
Straith, Mrs. Hector, 3, Cromwell Road, South Kensington, W.
Stucley, The Lady Elizabeth, 8, Eaton Square, S.W., and Hartland Abbey, Devon.
Talyor, J. W., Esq., Croft Lodge, Upper Kentish Town, N.W.
Twemlow, Thomas Fletcher, Esq., Betley Court, Staffordshire.
Vernon, The Lady Albrida, Oundle, Northamptonshire.
Vilmet, Frederick, Esq., Fraxmont, Wimbledon, S.
Ward, Charles, Esq., 217, Strand, W.C.
Wheeler, Samuel, Esq., Barrow Hills, Chertsey, Surrey.
White, George Frederick, Esq., West Hill, Wandsworth, S.
Wilson, David, Esq., Castleton House, Putney Heath, S.W.

The distribution of Plants, as previously announced, then took place—of nine sets there were sufficient to meet all requirements; a Ballot was necessary for the remaining forty-one sets (there being a greater number of applicants for them than there were plants to supply), and the following were the successful candidates:—

No. 1. Fabricia lævigata, 16 Plants 50 Applicants.

Atkinson, G., Esq.
Cooper, R., Esq.
Crole, Major.
Gurney, Mrs. J.
Harpur, A. G., Esq.
Headly, R., Esq.
Heathcote, W., Esq.
Hoare, P. R., Esq.
Murray, C. R. Scott, Esq.
Palmer, E. H., Esq.
Richards, E. P., Esq.
Rickards, S., Esq.
Robinson, F. E., Esq.
Stuart, E., Esq.
Waterlow, W. B., Esq.
Wood, Thos., Esq.

No. 3. Melaleuca decussata, 26 Plants, 46 Applicants.

Blandy, J. J., Esq.
Campbell, C. M., Esq.
Cass, Rev. F. C.
Cole, Mrs.
Dolman, F. W., Esq.
Egerton, The Lord (of Tatton).
Evans, Mr. Commr.
Fisher, John, Esq.
Gladstone, A. S., Esq.
Kemble, Rev. C.
Legh, Major Cornwall.
Murray, C. R. Scott, Esq.
Natusch, F. B. B., Esq.
Packe, G. H., Esq., M.P.
Platt, Sam., Esq.
Pownall, H., Esq.
Prescott, W. G., Esq.
Rickards, S., Esq.
Sandars, S., Esq.
Shaw, W. A., Esq.
Stuart, W., Esq.
Unna, Mrs.
Vernon, The Lord.
Wanklyn, W., Esq.
Whiteman, J. C., Esq.
Windley, T. W., Esq.

No. 5. Goodia lotifolia, 10 Plants, 43 Applicants.

Campbell, C. M., Esq.
Childers, H., Esq.
Cohen, B., Esq.
Cox, J., Esq.
Hubbard, J. G., Esq.
Keeling, E. H., Esq.
Leicester, The Earl of.
Luscombe, J., Esq.
Prater, Miss.
Sibthorp, Major, M.P.

No. 6. Kennedya rubicunda, 18 Plants, 193 Applicants.

Childers, H., Esq.
Collingwood, F. J. W., Esq.
Cox, R., Esq.
Dartmouth, The Lord.
Dilke, Charles W., Esq.
Gurney, J., Esq.
Harrison, W., Esq.
Heathcote, W., Esq.
Herring, G., Esq.
Horner, Rev. J.
Hutton, R., Esq.
Keene, Rev. E. C. R.
Pownall, H., Esq.
Robinson, G., Esq.
Roberts, L., Esq.
Sandars, G., Esq.
Tennison, Lady L.
Walker, J. G., Esq.

No. 7. HARDENBERGIA OVATA, 17 Plants, 59 Applicants.

Barlow, F. P., Esq.
Best, Captain.
Betts, E. L., Esq.
Browne, E., Esq.
Campbell, C. M., Esq.
Cohen, B., Esq.
Courtney, Mrs. C. B.
Fisher, J., Esq.
Gladstone, A. S., Esq.
Haines, A., Esq.
Hope, H. T., Esq.
Jalland, B. M., Esq.
Lormiette, J. H., Esq.
Packe, G. H., Esq., M.P.
Smith, W. Seth, Esq.
Telford, C., Esq.
Warwick, E., Esq.

No. 8. HARDENBERGIA MONOPHYLLA, 9 Plants, 40 Applicants.

Browne, E., Esq.
Butler, Hon. C. L.
Coussmaker, L. A., Esq.
Gladstone, A. S., Esq.
Hill, C., Esq.
Hume, H., Esq.
Kelsall, T., Esq.
Salt, W. H., Esq.
Sandeman, G. G., Esq.

No. 9. HARDENBERGIA MONOPHYLLA ALBA, 10 Plants, 31 Applicants.

Browne, E., Esq.
Finnis, Alderman.
Gape, Rev. C.
Hancock, T., Esq.
Hope, H. T., Esq.
Loveden, Pryse, Esq.
Parkyns, Sir T., Bart.
Ranger, W., Esq.
Staples, T. H., Esq.
Sutherland, J. W., Esq.

No. 10. TECOMA LATROBEI, 12 Plants, 91 Applicants.

Clutton, H., Esq.
Holford, R. S., Esq., M.P.
Hutton, R., Esq.
Jalland, B. M., Esq.
Keene, Rev. E. C. R.
Loveden, Pryse, Esq.
Maurigy, D., Esq.
Pinkney, Rev. Dr.
Pownall, H., Esq.
Read, W. H. R., Esq.
Rigby, J. D., Esq.
Sandars, G., Esq.

No. 11. DRACŒNA AUSTRALIS, 25 Plants, 205 Applicants.

Acland, Sir T. D., Bart.
Cawley, J., Esq.
Cole, Mrs. W. H.
Colombine, D. E., Esq.
Compton, H. C., Esq.
Crabbe, Mrs. Eyre.
Dilke, Charles W., Esq.
Fletcher, J. C., Esq.
Gladstone, A. S., Esq.
Gurney, Mrs. J.
Hailstone, E., Esq.
Hook, J., Esq.
Knight, Mrs.
Morton, J. E., Esq.
Murray, C. R. S., Esq.
Phillips, W., Esq.
Popham, F., Esq.
Rawlinson, A. H., Esq.
Smith, W. Seth, Esq.
Taylor, Mrs. A.
Wade, J., Esq.
Ward, J., Esq.
Willson, J., Esq.
Wood, T., Esq.
Wright, J., Esq.

No. 12. PHORMIUM TENAX, 50 Plants, 84 Applicants.

Benedict, Miss.
Best, Captain T.
Betts, E. L., Esq.
Campbell, C. G., Esq.
Canterbury, The Dean of.
Cass, Rev. F. C.
Chapman, Mrs.
Clutton, Miss E. M.
Clutton, Mrs.
Clutton, R. G. Esq.
Cohen, B., Esq.
Cox, Mrs. E. L.
Deacon, Miss.
Dilke, A. W., Esq.
Dilke, C. W., Esq.
Ducie, The Earl of.
Fielden, J., Esq.
Franklyn, Rev. T. W.
Gladstone, A. S., Esq.
Green, E. B., Esq.
Hailstone, E., Esq.
Harrington, Mrs.
Harrison, W., Esq.
Hawes, A., Esq.
Heath, D. D., Esq.
Herring, C. G., Esq.
Hume, H., Esq.
Keeling, E. H., Esq.
Kemble, Rev. C.
Laxton, T. J., Esq.
Leighton, Sir B. Bart., M.P.
McKenzie, F., Esq.
Moore, Miss E.
Nethercote, H. O., Esq.
Nichols, J. B., Esq.
Northwick, The Lord.
Parkyns, Sir T., Bart.
Phelps, S., Esq.
Ranger, W., Esq.
Rosse, The Earl of.
Rowland, A., Esq.
St. Germans, The Earl of.
Sandars, S., Esq.
Scorer, G. C., Esq.
Shepherd, W., Esq.
Stuart, E., Esq.
Stuart, Wm., Esq.
Walter, Captain.
White, Colonel H.
Whiteman, J. C., Esq.

No. 13. CASUARINA QUADRIVALVIS, 20 Plants, 80 Applicants.

Bohn, H. G., Esq.
Courtney, Mrs.
English, Mrs.
Grantley, The Lord.
King, A. C., Esq.
Nevill, The Lady D.
Paxton, A. F., Esq.
Poole, H. G., Esq.
Pope, T., Esq.
Pottle, J., Esq.
Reade, W. H. R., Esq.
Richardson, T. S., Esq.
Robinson, G., Esq.
Rowland, A., Esq.
Scorer, G. S., Esq.
Scott, J., Esq.
Skynner, W. H., Esq.
Walker, H., Esq.
Wardlaw, Lady H.
White, H., Esq.

No. 14. SOLANUM AURANTIACUM, 12 Plants, 54 Applicants.

Allnutt, J., Esq.
Berens, Miss.
Finnis, Alderman.
Harker, G., Esq.
Howard, W. D., Esq.
Kelsall, T., Esq.
Loyd, W. J., Esq.
Neale, W. M., Esq.
Seager, J. G. G., Esq.
Taber, J., Esq.
Turnbull, H. B., Esq.
Venning, J. M., Esq.

No. 16. EURYBIA ARGOPHYLLA, 15 Plants, 19 Applicants.

Allen, Mrs.
Atkinson, G., Esq.
Chapman, W. G., Esq.
Childers, H., Esq.
Cooper, R., Esq.
Cox, John, Esq.
Dorin, Mrs.
Egerton, The Lord (of Tatton).
Erle, Lady,
Kelsall, T., Esq.
Martineau, D., Esq.
Palmer, E. H., Esq.
Prater, Miss.
Richards, E. P., Esq.
Strickland, C. W., Esq.

No. 17. SOLLYA HETEROPHYLLA, 18 Plants 114 Applicants.

Allen, Rev. S.
Auldjo, T. R., Esq.
Clutton, Miss E. M.
Clutton, J., Esq.
Clutton, R. G., Esq.
Cocks, R., Esq.
Cole, Mrs. W. H.
Courtney, Mrs.
Coussmaker, L. A., Esq.
Crawshay, Robt., Esq.
Herring, G. G., Esq.
Norman, The Lady A.
Paxton, A. F., Esq.
Ranger, W., Esq.
Salt, W. H., Esq.
Turnbull, H. B., Esq.
Walker, H., Esq.
Walton, C. Esq.

No. 18. EUCALYPTUS VIMINALIS, 6 Plants, 36 Applicants.

Cotterell, W., Esq.
Freake, T. G., Esq.
Gape, Rev. C.
Leighton, Sir B. Bart., M.P.
Maudslay, Miss.
Rowland, A., Esq.

No. 19. EUCALYPTUS POROSA, 8 Plants, 14 Applicants.

Cotterell, W., Esq.
Grenville, R. N., Esq.
Heath, D. D., Esq.
Lacon, Sir E., Brt., M.P.
Moreton, The Lady Constance.
Murray, Mrs.
Rowland, A. W., Esq.
Studd, General.

No. 20. EUCALYPTUS GLOBULOSA, 15 Plants, 29 Applicants.

Aylesford, The Earl of.
Godwin, G., Esq.
Harrison, W., Esq.
Heathcote, W., Esq.
Herring, C. G., Esq.
Keeling, E. H., Esq.
Lawrence, Dr.
Martineau, D., Esq.
Moreton, The Lady Constance.
Murray, Mrs.
Rosse, The Earl of.
Sandeman, G. G., Esq.
Skynner, W. H., Esq.
Smart, Mrs.
Smith, W. S., Esq.

No. 21. CALLISTEMON RUGULOSUS, 12 Plants, 48 Applicants.

Bertrand, Miss C.
Cass, Fred., Esq.
Compton, H. C., Esq.
Dilke, C. Wentworth, Esq.
Elger, J., Esq.
Faure, Madame.
Gilberton, Miss E.
Griffiths, Rev. W.
Hook, J., Esq.
Leicester, The Earl of.
Leslie, Colonel.
Popham, T., Esq.

No. 22. PITTOSPORUM ACACIOIDES, 10 Plants, 41 Applicants.

Berens, Miss.
Dawnay, Hon. P.
Dilke, C. Wentworth, Esq.
Gurney, J., Esq.
Keeling, Miss.
Morrison, C., Esq.
Sandars, G., Esq.
Stuart, E., Esq.
Walker, H., Esq.
White, J., Esq.

No. 23. LEPTOSPERMUM SCOPARIUM, 15 Plants, 35 Applicants.

Barlow, F. P., Esq.
Bowring, E. A., Esq.
Campbell, C. G., Esq.
Hancock, T., Esq.
Heatly, G. H. Tod, Esq.
Kennedy, Mrs. C.
Mordan, Mrs.
Morrison, C., Esq.
Pownall, H., Esq.
Prescott, W. G., Esq.
Rickards, Samuel, Esq.
Shaw, W. A., Esq.
Sibthorp, Major, M.P.
Taylor, Mrs. A.
Waterlow, W. B., Esq

No. 24. PULTENÆA DAPHNOIDES, 19 Plants, 82 Applicants.

Barlow, Mrs.
Barlow, Miss F.
Berens, Miss.
Betts, E. L., Esq.
Cathcart, R., Esq.
Clutton, H., Esq.
Ellis, W., Esq.
Fletcher, J. C., Esq.
Hailstone, E., Esq.
Keeling, Miss.
Keene, Rev. E. C. R.
Nichols, J. B., Esq.
Richards, E. P., Esq.
Roberts, Mrs. Lawrence.
Rosse, The Earl of.
Sibthorp, Major G. W., M.P.
Stuart, E., Esq.
Wade, J., Esq.
Walter, Captain.

No. 25. HAKEA, SP., 4 Plants, 15 Applicants.

Crole, Major G. S.
Keeling, Miss.
Venning, J. M., Esq.
Wells, The Lady Louisa.

No. 26. ANADENIA PULCHELLA, 12 Plants, 38 Applicants.

Betts, E. L., Esq.
Cole, Mrs. W. H.
Evans, Mr. Comr.
Laing, Mrs. S.
Legh, Major C.
Moore, T., Esq.
Paget, C., Esq., M.P.
Richards, E. P., Esq.
Stuart, Mrs. W.
Taylor, Mrs. A.
Wilson, J., Esq.
Windley, T. W., Esq.

No. 27. XANTHOXYLON, SP., 11 Plants, 17 Applicants.

Amos, C. E., Esq.
Crole, Major.
Garnier, W., Esq.
Headley, R., Esq.
Natusch, F. B. B., Esq.
Read, W. H. R., Esq.
Rosse, The Earl of.
Walton, C., Esq.
White, J., Esq.
Windley, J. W., Esq.
Wyndham, The Rev. W. C.

No. 28. CALOTHAMNUS QUADRIFIDUS, 6 Plants, 34 Applicants.

Clutton, H., Esq.
Colombine, D. E., Esq.
Deacon, J., Esq.
Erne, The Earl of.
Walter, Captain.
Watson, T., Esq.

No. 29. HAKEA ACICULARIS, 4 Plants, 19 Applicants.

Keeling, Miss.
Prescott, W. G., Esq.
Robinson, G., Esq.
Walker, J. N., Esq.

No. 30. HAKEA BRACHYRHYNCHA, 4 Plants, 7 Applicants.

Eyre, Charles, Esq.
Lacon, Sir E., Bt., M.P.
Leslie, Colonel, M.P.
Prescott, W. G., Esq.

No. 31. Clematis aristata, 25 Plants, 134 Applicants.

Allin, Mrs. C. E.
Benyon, C. J., Esq.
Brande, E. A., Esq.
Butler, C. L., Hon.
Compton, H. C., Esq.
Herring, G., Esq.
Keene, Rev. E. C. R.
Robin, J., Esq.
Romaine, W. G., Esq.
Rowland, Miss.
Sandars, G., Esq.
Shepherd, W., Esq.
Skynner, W. H., Esq.
Smith, W. S., Esq.
Staples, T. H., Esq.
Sutherland, J. W., Esq.
Tinné, J. A., Esq.
Walker, G., Esq.
Walker, J. A., Esq.
Walsingham, The Lord.
Walton, C., Esq.
White, Col. H.
White, Jas., Esq.
Wigan, F., Esq.
Wilson, Col. S.

No. 32. Polygonum complexum, 40 Plants, 163 Applicants.

Acland, Sir T. D., Bt.
Amos, J. C., Esq.
Aylesford, The Earl of.
Banks, E., Esq.
Barlow, Miss Florence P.
Barnes, K., Esq.
Berens, Mrs.
Betts, E. L., Esq.
Boileau, Sir J. Bart.
Bonus, Dr.
Browne, E., Esq.
Cass, F., Esq.
Childers, H., Esq.
Cox, R. H., Esq.
Edgar, W., Esq.
Egerton, Capt.
Filmer, The Dowager Lady.
Forbes, Mrs. E.
Franklyn, Rev. T. W.
Harker, G., Esq.
Harrington, Mrs.
Maxwell, J. C., Esq.
Moore, Miss E. C.
Moreton, The Lady Constance.
Natusch, F. B. B., Esq.
Nevill, The Lady Dorothy.
Norman, The Lady Adeliza.
Norton, J. E., Esq.
Paxton, Rev. A.
Phelps, H., Esq.
Pinckney, Rev. Dr.
Porter, Miss.
Portman, The Lord.
Skynner, W. H., Esq.
Smith, C. E., Esq.
Stuart, Mrs. W.
Todd, R. J., Esq.
Trevelyan, Sir W. C., Bt.
Walker, E., Esq.
Warwick, E., Esq.

No. 33. Calceolaria violacea, 30 Plants, 221 Applicants.

Anderdon, Miss.
Challis, J. R., Mr.
Cox, J., Mr.
Courtoy, Miss E.
Deacon, Miss.
Durham, W., Esq.
Fullerton, D., Esq.
Guedalla, H., Esq.
Gray, Rev. J. C.
Harker, G., Esq.
Harden, Mrs.
Herring, Miss C. E.
Howard, W. D., Esq.
Kennedy, Mrs. C.
Longman, W., Esq.
Loveden, P., Esq.
McQueen, W. H., Esq.
Massey, T. H., Esq.
Moreton, The Lady Constance.
Natusch, F. B. B., Esq.
Norton, J. E., Esq.
Palmer, E. H., Esq.
Salomons, Alderman.
Shaw, W. A., Esq.
Da Silva, J., Esq.
Smith, C. E., Esq.
Watson, T., Esq.
Walcot, T., Esq.
Winchester, The Bishop of.
Wellesley, H., Esq.

No. 34. Vitis odoratissima, 25 Plants, 162 Applicants.

Bohn, H. G., Esq.
Brande, E. A., Esq.
Bridge, Miss.
Chatfield, Mrs.
Chillingworth, J. G. Esq.
Clutton, J., Esq.
Cox, J., Esq.
Crease, Mrs.
Ducie, The Earl of.
Ducie, The Countess of.
Erle, Lady.
Filmer, The Dowager Lady.
Harcourt, Col.
Herring, G., Esq.
McKenzie, F., Esq.
Nichols, J. B., Esq.
Phillipps, W., Esq.
Pinckney, Rev. Dr.
Porter, Miss.
Silvertop, H. C., Esq.
Tennison, The Lady Louisa.
Terry, W., Esq.
Walker, J. N., Esq.
Waterlow, Mrs. W. B.
Wright, J., Esq.

No. 35. Cupressus torulosa, 30 Plants, 109 Applicants.

Chalk, J. J., Esq.
Cox, R. H., Esq.
Crawley, J., Esq.
Deacon, Miss.
Derby, Earl of.
Disraeli, Rt. Hon. B., M.P.
Erle, Lady.
Grenville, R. N., Esq.
Hamilton, The Lady M. Nisbet.
Harden, Mrs.
Harman, J. R., Esq.
Heathcote, W., Esq.
Hoare, P. R., Esq.
Law, J. S., Esq.
Maudslay, Miss.
Morley, S., Esq.
Morrison, C., Esq.
Northcote, H. O., Esq.
Nutting, J. G., Esq.
Oates, J., Esq.
Rogers, R., Esq.
Rumbold, W. H., Esq.
Sinclair, J. H., Esq.
Sladden, J., Esq.
Solly, S. R., Esq.
Strickland, C. W., Esq.
White, Col. H.
Wicks, John, Esq.
Winch, W. R., Esq.
Windley, T. W., Esq.

No. 37. Cupressus cashmeriana, 25 Plants, 139 Applicants.

Allen, The Rev. S.
Auldjo, T. R., Esq.
Barnes, Keith, Esq.
Berners, Captain.
Bunyon, C. J., Esq.
Cox, R. H., Esq.
Davy, G. T., Esq.
Deacon, Miss.
Derby, The Earl of.
Etches, W., Esq.
Greenwood, J., Esq.
Johnstone, E., Esq.
Leslie, Colonel, M.P.
Maberley, Mrs.
Massey, T. H., Esq.
Morley, S., Esq.
Northwick, Lord.
Potter, T. B., Esq.
Richardson, T. S., Esq.
Stuart, C. P., Esq.
Studd, General.
Talbot, The Hon. Mrs.
Wellesley, H., Esq.
Wigan, F., Esq.
Wyndham, The Rev. W. C.

No. 41. Bridgesia spicata, 40 Plants, 196 Applicants.

Auldjo, T. R., Esq.
Baker, J. H., Esq.
Benedict, Jules, Esq.
Benedict, Miss.
Blakiston, Sir M., Bart.
Booth, W. B., Esq.
Cape, Mrs.
Chapman, W. G., Esq.
Copeland, Alderman.
Dilke, A. W., Esq.
Disraeli, Benjamin, Rt. Hon., M.P.
Docker, E., Esq.
Faure, Madame.
Field, J., Esq.
Gillett, W. S., Esq.
Guedalla, Henry, Esq.
Hadwen, Gaylard, Esq.
Harrison, Miss C.
Harrison, Mrs. J. P.
Hubert, S. M., Esq.
Hulse, C., Esq.
Jalland, B. M., Esq.
Jarvis, G. K., Esq.
Lloyd, C., Esq.
Massey, T. H., Esq.
Murray, Mrs.
Neal, W. M., Esq.
Norton, J. E., Esq.
Parkyns, Sir Thomas, Bart.
Poole, H. G., Esq.
Ricketts, G., Esq.
Rogers, W. H., Esq.
Seager, J. G. G., Esq.
Smith, J. S., Esq.
Smith, W., Esq.
Walker, J. N., Esq.
Walton, C., Esq.
Warwick, Mrs.
Waterlow, W. B., Esq.
Wells, W., Esq.

No. 42. Lonicera fragrantissima, 100 Plants, 283 Applicants.

Acland, Sir T. Dyke, Bt.
Allen, The Rev. J.
Banks, E., Esq.
Banting, Mrs. W.
Barlow, Mrs.
Beadon, Rev. Fred.
Berens, Miss.
Blackwell, T., Esq.
Blakiston, Sir M., Bart.
Boileau, Sir J., Bart.
Booth, W. B., Esq.
Brough, Mrs.
Canterbury, The Dean of.
Cattley, J., Esq.
Cawley, J., Esq.
Clutton, R. G., Esq.
Copeland, Alderman.
Cotterell, W., Esq.
Courtoy, Miss E.
Cox, J., Esq.
Cox, R., Esq.
Crabbe, Mrs. Eyre.
Crawley, J., Esq.
Croll, Mrs.
Dent, J., Esq.
Dickens, C. S., Esq.
Dilke, A. W., Esq.
Durham, W., Esq.
Edgar, W., Esq.
Egerton, Captain.
Erskine, The Hon. T.
Eyre, C., Esq.
Fleming, J., Esq.
Forbes, Mrs. E.
Freake, C., Esq.
Gape, The Rev. C.
Gold, Major-General.
Gower, Mrs.
Grenville, R. N., Esq.
Gurney, Mrs. J.
Gwatkin, F., Esq.

Haines, A., Esq.
Harman, J. R., Esq.
Harrison, Mrs. J. P.
Hedges, J. K., Esq.
Herring, C. G., Esq.
Hoare, P. R., Esq.
Hooper, B., Mr.
Hibberd, S., Esq.
Hume, Colonel H., C.B.
Hutton, R., Esq.
Keene, Rev. E. C. R.
King, Mrs.
Lamb, Lady.
Lee, Sir G. P.
Legge, Lady C.
Leighton, Sir B., Bart.
Lindley, Dr.
Loveden, P., Esq.
M'Kenzie, F., Esq.
Martineau, D., Esq.
Mathison, H. M., Esq.
Maxwell, W., Esq.
Merle, W. H., Esq.
Murray, C. R. S., Esq.
Nash, D., Esq.
Northwick, The Lord.
Nugent, N. H., Esq.
Packe, G. H., Esq., M.P.
Paget, C., Esq., M.P.
Palmer, E. H., Esq.
Paxton, The Rev. A.
Pope, W. A., Esq.
Portman, The Lord.
Prater, Miss.
Ravenshaw, E. L., Esq.
Reeves, Miss A. S.
Rowland, A. W., Esq.
Sandeman, G. G., Esq.
Scrivens, S., Esq.
Sidley, Colonel.
Silva, Da-, J., Esq.
Staples, T. H., Esq.
Stuart, C. E., Esq.
Talbot, The Lady Emma.
Taylor, Mrs. A.
Todd, R. J., Esq.
Walker, E., Esq.
Walker, J. N., Esq.
Ward, H., Esq.
Ward, J., Esq.
Wellesley, H., Esq.
Wells, J. S., Esq.
Westbrook, Mrs.
White, Mrs. Colonel.
Wicks, J., Esq.
Williams, H. R., Esq.
Wilson, A., Esq.
Windley, T. W., Esq.
Wrench, R., Esq.

No. 43. Shanghae Rose, 100 Plants, 322 Applicants.

Acland, Sir T. D., Bart.
Allin, Mrs. C. E.
Allnutt, J., Esq.
Amiel, Captain.
Baker, J. H., Esq.
Berners, Captain.
Blackwell, T., Esq.
Bohn, H. G., Esq.
Boston, The Lord.
Broadwater, R., Esq.
Browne, E., Esq.
Bunyon, C. J., Esq.
Burmester, J. W., Mrs.
Cape, Mrs.
Childers, H., Esq.
Clutton, Mrs.
Coombs, T. M., Esq.
Courtney, C. B., Esq.
Courtney, Mrs.
Cox, T., Esq.
Crawley, J., Esq.
Crawshay, R., Esq.
Daniel, Miss E.
Deacon, Miss.
Ducie, The Earl of.
Edgar, W., Esq.
Egerton, Captain.
Egerton, Sir P. G., Bt., M.P.
Elger, G. G., Esq.
Erle, Lady.
Forbes, Mrs. E.
Forster, R., Esq.
Graham, W., Esq.
Grantley, The Lord.
Gray, J. G., Esq.
Hadwen, G., Esq.
Haines, A., Esq.
Hammersley, Mrs.
Hancock, T., Esq.
Harden, Mrs.
Herring, C. G., Esq.
Hoare, P. R., Esq.
Hooper, Mr. B.
Howlett, G., Esq.
Kemble, Rev. C.
Lermitte, J. H., Esq.
Lowdell, S., Esq.
Lloyd, J. B., Esq.
Maberley, Mrs. J.
McKenzie, F., Esq.
Matheson, General.
Matheson, H. M., Esq.
Maxwell, J. C., Esq.
Maxwell, W., Esq.
Murray, Mrs.
Natusch, F. B. B., Esq.
Nichols, Miss.
Nugent, W. H., Esq.
Packe, G. H., Esq., M.P.
Paget, C., Esq., M.P.
Palmer, E. H., Esq.
Parry, Miss.
Paxton, Rev. A.
Perkins, A., Esq.
Poole, H. G., Esq.
Popham, F., Esq.
Portman, The Lord.
Pottle, J., Esq.
Randolph, T., Esq.
Ranger, W., Esq.
Ravenshaw, E. L., Esq.
Read, W. H. R., Esq.
Roberts, Mrs. L.
Robin, J., Esq.
Robinson, G., Esq.
Romaine, W. G., Esq.
Rowland, A. W., Esq.
Rumbold, W. H., Esq.
Sandbach, H. R., Esq.
Sandeman, A. G., Esq.
Sandeman, G. G., Esq.
Scrivens, Samuel, Esq.
Skynner, W. H., Esq.
Smith, C. E., Esq.
Talbot, The Lady Emma.
Thomas, J., Esq.
Tinné, J. A., Esq.
Trower, Mrs.
Walton, C., Esq.
Ward, J., Esq.
Wardlow, Lady H.
Wellesley, H., Esq.
Wells, Lady L.
Wells, W., Esq.
Westbrook, Mrs.
Wicks, John, Esq.
Williams, H. R., Esq.
Winchester, The Bishop of.
Windley, W., Esq.
Wright, F. B., Esq.

No. 45. BAMBUSA GRACILIS, 50 Plants, 116 Applicants.

Aylesford, The Earl of.
Baker, J. H., Esq.
Berens, Mrs.
Blackwell, T., Esq.
Bonus, Dr.
Booth, W. B., Esq.
Cass, Rev. F. C.
Chalice, Mr. J. R.
Chillingworth, J. G., Esq.
Da Silva, J., Esq.
Derby, The Earl of.
Dilke, A. W., Esq.
Docker, E., Esq.
Edgar, W. S., Esq.
Egerton, Captain.
Egerton (of Tatton), Lord.
Etches, W. J., Esq.
Faure, Madame.
Fortey, T. W. J., Esq.
Freake, Miss E.
Gape, Rev. Charles.
Gold, Major-Gen.
Green, J., Esq.
Gurney, Mrs. J.
Hancock, T., Esq.
Harcourt, Colonel.
Harrison, C. F., Esq.
Herring, C. G., Esq.
Hoare, P. R., Esq.
Holford, R. S., Esq., M.P.
Horner, Rev. J.
Howlett, G., Esq.
Hulse, C., Esq.
Jeakes, W., Esq.
Law, J. S., Esq.
Lindley, Dr.
Martineau, D., Esq.
Merle, W. H., Esq.
Moore, T., Esq.
Phelps, Miss S.
Robin, J., Esq.
Rosse, Earl of.
Seager, J. G. G., Esq.
Smart, Mrs.
Staples, T. H., Esq.
Wells, T. S., Esq.
Wilson, J., Esq.
Winch, J. H., Esq.
Winch, W. R., Esq.
Wood, E. B., Esq.

No. 46. BERBERIS NEPALENSIS, 50 Plants, 157 Applicants.

Allen, Rev. S.
Best, Captain.
Betts, E. L., Esq.
Blackwell, T., Esq.
Brande, M., Esq.
Broadhurst, W., Esq.
Burton, W. S., Esq.
Cave, Mrs.
Chapman, D. B., Esq.
Clements, R., Esq.
Copeland, Alderman.
Curzon, Hon. S. R.
Dartmouth, Lord.
Da Silva, J., Esq.
Davy, G. T., Esq.
Dawnay, Hon. P.
Durham, W., Esq.
Egerton, Sir P. G., Bt., M.P.
Field, J., Esq.
Forbes, Mrs. E.
Gold, Major-General.
Harker, G., Esq.
Harman, T. R., Esq.
Heath, D. D., Esq.
Hibbert, E., Esq.
Hoare, P. R., Esq.
Leslie, Colonel.
Lermitte, J. H., Esq.
Maberley, J., Esq.
Moore, Miss E. C.
Neale, W. M., Esq.
Nevill, The Lady Dorothy.
Nicholl, Rev. E. P.
Nutting, J. G., Esq.
Perkins, A., Esq.
Phillipps, W., Esq.
Sandbach, H. R., Esq.
Sandeman, G. G., Esq.
Scott, J., Esq.
Scrivens, S., Esq.
Shaw, W. A., Esq.
Smith, W. S., Esq.
Stevens, V., Esq.
Strickland, C. W., Esq
Stuart, C. E., Esq.
Taber, J., Esq.
Thomas, J., Esq.
Walker, E., Esq.
Warwick, E., Esq.
White, Mrs. Colonel.

No. 48. SPIRÆA CALLOSA, 100 Plants, 240 Applicants.

Amiel, Captain.
Aylesford, The Earl of.
Banks, E., Esq.
Berens, Miss.
Blackwell, T., Esq.
Blakiston, Sir M., Bart.
Bohn, H. G., Esq.
Bridge, Miss.
Broadhurst, W., Esq.
Brough, Mrs.
Benyon, C. J., Esq.
Burton, D., Esq.
Cave, Mrs.
Cawley, J., Esq.
Chalk, J. J., Esq.
Chapman, D. B., Esq.
Childers, H., Esq.
Clutton, Mrs.
Clutton, Jno., Esq.
Copeland, Ald.
Crawley, J., Esq.
Cunliffe, R., Esq.
Curzon, Hon. S. R.
Daniel, Miss E.
Durham, W., Esq.
Egerton, Captain.
Elliott, J. N., Esq.
Erne, Earl of.
Field, Jno., Esq.
Finnis, Ald.
Fisher, Jno., Esq.
Fitzroy, Lord C.
Freake, C., Esq.
Graham, W., Esq.
Grantley, Lord.
Gray, J. G., Esq.
Green, J., Esq.
Guedalla, H., Esq.
Gurney, J., Esq.
Harrington, Mrs.
Heathcote, J., Esq.
Herring, G., Esq.

Hibbert, E., Esq.
Holford, R. S., Esq., M.P.
Holford, Mrs.
Hume, Col. H., C.B.
Hutton, R., Esq.
Keeling, Miss E.
Kennedy, Mrs.
King, Mrs.
Lacon, Sir E., Bart., M.P.
Law, J., Esq.
Legh, Cornwall, Major.
Lee, Sir G. P.
Little, Dr.
Lloyd, C., Esq.
Locock, Sir C., Bart.
Luscombe, J., Esq.
McQueen, W. H., Esq.
Martyn, Mrs.
Massey, T. H., Esq.
Maudslay, Miss.
Meyer, Mrs.
Moreton, Lord.
Morley, S., Esq.
Nutting, J. G., Esq.
Paxton, A. F., Esq.
Popham, F., Esq.
Rawlinson, A. L., Esq.
Robinson, F. E., Esq.
Rosher, E., Esq.
Routh, W. De Hague, Esq.
Sandbach, W. R., Esq.
Saunders, T. B., Esq.
Scarbrough, Earl of.
Scrivens, S., Esq.
Smith, C. E., Esq.
Smith, Mrs.
Stevens, V., Esq.
Strutt, W., Esq.
Talbot, Hon. Mrs.
Taylor, Mrs. A.
Tennison, The Lady Louisa.
Tinné, J. A., Esq.
Turnbull, H. B., Esq.
Walker, J. N., Esq.
Walton, J. C., Esq.
Wanklyn, W., Esq.
Ward, H., Esq.
Wardlaw, Lady H.
Waterlow, Mrs. W. B.
Watson, T., Esq.
Wells, G. G., Esq.
White, Jas., Esq.
Whiteman, J. C., Esq.
Winch, J. H., Esq.
Winch, W. R., Esq.
Windley, J. W., Esq.
Wrench, R., Esq.
Wyndham, Rev. W. C.

No. 49. LIGUSTRUM OVALIFOLIUM, 25 Plants, 131 Applicants.

Banks, E., Esq.
Benedict, J., Esq.
Clutton, Mrs.
Cooper, R., Esq.
Cox, Mrs. E. L.
Crawley, J., Esq.
Cunliffe, R., Esq.
Docker, E., Esq.
Erle, Lady.
Faure, Madame.
Hooper, B., Mr.
Lee, E., Esq.
Leicester, Earl of.
Nichols, Miss.
Portman, Lord.
Richards, E. P., Esq.
Robinson, F. E., Esq.
Stuart, C. P., Esq.
Taber, J., Esq.
Talbot, Hon. Mrs.
Terry, W., Esq.
Todd, R. J., Esq.
Walsingham, Lord.
Wellesley, Lady C.
Wright, F. B., Esq.

No. 50. SOLANUM CAPSICASTRUM, 25 Plants, 223 Applicants.

Atkinson, G., Esq.
Austin, H., Esq.
Betts, E. L., Esq.
Crawshay, R., Esq.
Hailstone, E., Esq.
Harrison, Mrs. W.
Laing, Mrs. S.
Lloyd, J. B., Esq.
Phillips, W., Esq.
Prater, Miss.
Reeves, Miss A.
Romaine, W. G., Esq.
Scarbrough, Lord.
Seager, J. G. G., Esq.
Skynner, W. H., Esq.
Stewart, H. G. M., Esq.
Stuart, Mrs. W.
Sutherland, J. W., Esq.
Taylor, Mrs. A.
Telford, C., Esq.
Walsingham, Lord.
Walton, C., Esq.
Wellesley, Lady C.
Wigan, F., Esq.
Willson, J., Esq.

LXVIII.—GENERAL MEETING, May 24.

An Ordinary Meeting of the Society was held on Friday, the 24th of May, in the Council Room at the Gardens, South Kensington, The Lord Bishop of Winchester, V.P., in the Chair, when the following candidates were balloted for and elected Fellows:—

Abbott, William, Esq., Durham Villas, Phillimore Gardens, Kensington, W.
Ade, George, Esq., 12, Manchester Square, W.
Angier, Samuel Haynes, Esq., 15, Hyde Park Gate South, W.
Appold, J. George, Esq., 23, Wilson Street, Finsbury, E.C.
DeArroyave, Anselmo, Esq., 9, Palace Gardens, Kensington, W.
Atkins, George James, Esq., 25, Ovington Square, Brompton, S.W.
Attenborough, Richard, Esq., Fairlawn, Acton, Middlesex, W.
Attenborough, Richard, Esq., Whitley Grove, Reading, Berks.
Barber, Charles, Esq., 36, Fenchurch Street, E.C.
Barnard, Mrs., 15, Brompton Crescent, S.W.
Bartlett, W. O., Esq., 18, Eldon Road, Kensington, W.
Bateman, John Frederick, Esq., F.R.S., 16, Great George Street, Westminster, S.W.
Beaumont, Mrs. Alfred, 47, Gloucester Terrace, Hyde Park, W.
Beckett, William, Esq., 18, Upper Brook Street, Grosvenor Square, W.
Besley, Robert, Esq., The Priory, Highgate, N.W.
Bethune, Walter Angus, Esq., 25, Thurloe Square, W.
De Bliss, The Baron, Berkeley House, Hyde Park Square, W.
Bodman, Mrs., 5, Blomfield Crescent, Westbourne Terrace, W.
Boulton, Thomas, Esq., 85, Addison Road, Kensington, W.
Brett, Charles, Esq., 44, Cleveland Square, Hyde Park, W.
Brown, Isaac Baker, Esq., 17, Connaught Square, Hyde Park, W.
Brunlees, James, Esq., 84, Addison Road, Kensington, W.
Burke, Edmund, Esq., 3, Norfolk Road, St. John's Wood, N.W.
Busk, Stephen, Esq., 45, Dover Street, Piccadilly, W.
Butler, Miss, Langoed Castle, Lyswen, Hereford.
Carson, James, Esq., 11, Lower Seymour Street, W.; and Springfield, Great Marlow, Bucks.
Cassell, John, Esq., La Belle Sauvage Yard, Ludgate Hill, E.C.
Cavan, Lieut.-Col. Philip Charles, 8, Park Crescent, Portland Place, W.
Cetto, The Baroness De, 3, Hill Street, Berkeley Square, W.
Chapman, Mrs. Col., 2, Eaton Square, S.W.
Christie, William, Esq., 1, Sussex Terrace, King's Road, Chelsea, S.W.
Churchill, Alfred, Esq., Lancaster Place, Strand, W.C.
Clay, Lady, 91, Eaton Square, S.W.
Clifden, The Lord, Dover House, Whitehall, S.W.
Clutton, Owen, Esq., 46, St. George's Square, Pimlico, S.W.
Coake, Wakeman Edward, Esq., Oak Lodge, West Brixton, S.
Coates, Thomas, Esq., York House, Kensington, W.
Cobbold, Henry Chevallier, Esq., M.P., Ipswich, and 8, Foulis Terrace, West Brompton, S.W.
Cochrane, John, Esq., 3, Thurloe Place, Old Brompton, S.W.

Cockerton, Richard, Esq., 12, Petersham Terrace, South Kensington, W.
Coghton, Henry Thomas, Esq., 14, Hyde Park Gardens, W.
Cole, Griffith, Esq., 8, Charles Street, Berkeley Square, W.
Cole, Captain R. M., R.N., 5, Elm Place, Brompton, S.W.
Conyngham, Mrs. John, Onslow Square, Brompton, S.W.
Cooke, Nathaniel, Esq., 5, Ladbroke Terrace, Notting Hill, W.
Cousens, Richard Thomas, Esq., 4, Kensington Palace Gardens, W.
Cousens, Mrs., 4, Kensington Palace Gardens, W.
Craven, The Lady Mary, 17, Hereford Street, Mayfair, W.
Cust, Capt. Percy, 33, Mount Street, Grosvenor Square, W.
Daniell, Edward James, Esq., 14, Devonport Street, Hyde Park, W.
Davey, Richard, Esq., M.P., 11, St. James's Place, S.W., and Bochym House, Helstone, Cornwall.
Dick, Robert Ker, Esq., 45, Dover Street, Piccadilly, W.
Dilke, William, Esq., Chichester, Sussex.
Dimsdale, The Hon. Baron, 63, Eaton Square, S.W., and Camfield Place, Hatfield.
Donald, Mr. Robert, Woking.
Doneraile, The Viscountess, Doneraile House, Co. Cork.
Donnelly, Capt. J., R.E., South Kensington Museum, S.W.
Duncombe, Rear Admiral the Hon. Arthur, 7, Grafton Street, W.
Dunkin, John, Esq., 4, Cleveland Square, Hyde Park, W.
Dutton, Frederick, Esq., Long's Hotel, Bond Street, W.
Dynevor, Right. Hon. Lord, 19, Princes Gardens, W.; and Dynevor Castle, Carmarthenshire.
Eden, John, Esq., 15, Wilton Crescent, Belgrave Square, S.W.
Eden, Hon. Miss E., Eden Lodge, Kensington Gore, W.
Elliott, William Henry, Esq., The Grove, Sonning, Reading.
Elstob, Thomas, Esq., 7, North Terrace, Camberwell, S.
Essington, William Essington, Esq., Ribbesford House, Bewdley.
Ewart, John, Esq., 25, Sussex Square, Hyde Park, W.
Ferguson, Lieut.-Col., Arthur's Club, St. James Street, S.W.
Firth, Edward, Esq., Wandsworth, S.
Fisher, John, Esq., York Chambers, St. James's Street, S.W.
Fletcher, John Philip, Esq., Sunbury, Middlesex, S.W.
Forman, William Henry, Esq., Dorking.
Fowke, Captain F., R.E., Park House, South Kensington, W.
Fraser, William Tulloh, Esq., 38, Gloucester Terrace, Hyde Park, W.
Fryer, W. Rolles, Jun., Esq., 14, Chester Street, Belgrave Square, S.W.; and South Lytchett, Poole, Dorset.
Garland, E. W., Esq., 15, Queen's Gate, Hyde Park, W.
Gee, Miss, 1, Hyde Park Gardens, W.
Gordon, Mrs., 1, Onslow Square, Brompton, S.W.
Graham, George John, Esq., East Lodge, Enfield Chase, Middlesex, N.
Graham, Mrs. Wm., 17, Cleveland Square, Hyde Park, W.
Grant, Alexander, Esq., Oakfield House, Hornsey, N.
Grant, James W., Esq., Jun. U. S. Club, Charles Street, St. James's, S.W.
Green, Bevis, Ellerby, Esq., 5, Kensington Palace Gardens, W.
Greenbank, Richard Hewetson, Esq., 15, Dawson Place, Bayswater, W.
Griffin, Frederick, Esq., 1, Kensington Palace Gardens, W.
Halse, Miss, 5, Sumner Place, Onslow Square, S.W.
Hankey, Thomson, Esq., M.P., 45, Portland Place, W.
Harris, Captain, South Kensington Museum, W.
Harrison, John, Esq., 2, Albany Court Yard, Piccadilly, W.
Haworth, Miss Anna, 3, Kensington Park Gardens East, W.

Herries, C. J., Esq., Board of Inland Revenue, Somerset House, W.C.
Holland, Mrs. James, Ranelagh House, Pimlico, S.W.
Holland, Mrs. Wm., 15, Upper Harley Street, W.
Holt, James Maden, Esq., 3, Kensington Park Gardens East, W.
Hubbard, Egerton, Esq., 24, Princes Gate, W.
Hubbard, Miss Alice Eliza, 24, Princes Gate, W.
Hume, William Wentworth Fitzwilliam, Esq., M.P., 20, Curzon Street, May Fair, W.
Irwin, William Crossley, M.D., Belvoir Street, Leicester.
Jackson, Mr. George, Kingston, Surrey, S.W.
Jackson, Washington, Esq., 41, Belgrave Square, S.W.
Jackson, Mrs. Washington, 41, Belgrave Square, S.W.
Jaques, Richard M., Esq., 38, Chester Terrace, Regent's Park, and Easby Abbey, Richmond, Yorkshire.
Johnson, William, Esq., Gilston Lodge, Gilston Road, Brompton, S.W.
Julyom, Penrose Goodchild, Esq., 19, Pelham Crescent, Brompton, S.W.
Kemble, William, Esq., Potters Bar, Barnet, N.
Knight, John Watson, Esq., 51, Cleveland Square, Hyde Park, W.
Knox, Col., Brownlow W. M.P., 28, Wilton Crescent, Belgrave Square, S.W.
Knox, Lieut.-Col. Charles, 15, Duke Street, St. James's, S.W.
Koch, John Edward Campbell, Esq., Leigham Avenue, Streatham, Surrey, S.
Latham, William, Esq., 32, Onslow Square, S.W.
Laurie, Mrs. Eliza Helen, 10, Hyde Park Terrace, W.
Lennox, The Lord Henry Gordon, M.P., 51, Portland Place, W.
Lewis, Waller, M.D. F.G.S., Medical Department G.P.O., St. Martins-le-Grand, E.C.
Locker, Miss, 6, Gloucester Road, Hereford Square, Brompton, S.W.
Locker, Miss Berta, 6, Gloucester Road, Hereford Square, Brompton, S.W.
London, The Lord Bishop of, London House, St. James's Square, and Fulham Palace, S.W.
Loyd, Mrs. William Jones, 77, Eaton Square, S.W.
Machu, John Henry, Esq., Oakfield Lodge, Lower Tulse Hill, S.
McIntosh, David, Esq., 12, Furnival's Inn, E.C.; and Havering Park, Romford, Essex.
McKerdy, Col. D. E., United Service Club, Pall Mall, S.W.
Maitland, John Gorham, Esq., F.R.S., 51, Rutland Gate, S.W.
Malden, Mr. W. Walter, 13, Lower Grove, Brompton, S.W.
Manning, Charles J., Esq., 15, Princes Gardens, Hyde Park, S.W.
Mansell, William W., Esq., 20, Kensington Gate, W.
Millett, Charles, Esq., 33, Grosvenor Street, W.
Miles, John William, Esq., Kings Weston, Bristol.
Mills, Mrs. Charles, Camelford House, Oxford Street, W.
Mitchell, George, Esq., 15, Brompton Crescent, S.W.
Morgan, Thomas Vaughan, Esq., Beaufort Lodge, Chelsea, S.W.
Morley, John, Esq., Upper Clapton, N.E.
Morris, James, Esq., 26, Hyde Park Gardens, W.
Morris, Mrs. James, 26, Hyde Park Gardens, W.
Morris, Mrs., 18, Alexander Square, Brompton, S.W.
Moss, William Mitchell, Esq., 39, King William Street, London Bridge, E.C.
Murray, The Hon. H. A., R.N., D 4, Albany, Piccadilly, W.
Nares, Francis, Esq., Athenæum Club, Pall Mall, S.W.
Nelson, Henry, Esq., 71, Inverness Terrace, Kensington Gardens, W.
North, John, Esq., 9A, Gloucester Place, Portman Square, W.

Northam, Miss, 44, Brompton Square, S.W.
Nunn, Mrs. Isabella Macleay, 8, Stratford Place, Oxford Street, W.
Orkney, The Earl of, 3, Ennismore Place, Hyde Park, S.W.
Osborn, Thomas, Esq., Fulham, S.W.
Palliser, Captain Arthur, 70, Inverness Terrace, Kensington Gardens, W.
Palmer, Mrs. Robert, 35, Ovington Square, Brompton, S.W.
Paynter, Mrs., 53, Thurloe Square, Brompton, S.W.
Perry, Mrs., 21, Bryanston Square, W.
Petrocochino, Pandia, Esq., 56, Cleveland Square, Hyde Park, W.
Phillips, Barnet, Esq., 29, Palace Gardens Terrace, Kensington, W.
Pickersgill, J. C., Esq., Horley House, Coulstone, Croydon, Surrey, S.
Plincke, Miss Mary, 2, Addison Terrace, Kensington, W.
Plowright, Captain Edward William, Raleigh Club, Regent Street, W.
Praed, Charles Tyringham, Esq., 67, Mount Street, Grosvenor Square, W.
Price, Richard John Lloyd, Esq., Rhiwlas, Bala, Merionethshire.
Pym, Miss Margaret, 38, Upper Harley Street, W.
Rennie, J., Esq., 6, Charles Street, Berkeley Square, W.
Renton, James Hall, Esq., Muswell Hill, Hornsey, N.
Rigmaiden, Captain James, 6, Harley Place, Marylebone, W.
Roberts, James, Esq., 131, Piccadilly, W.
Robinson, James Septimus, Esq., Belmont Hall, Durham.
Robinson, Sir John, Bart., 52, Green Street, Grosvenor Square, W.; and Rokeby Hall, Dunleer, Ireland.
Robinson, William R., Esq., 9, Hyde Park Terrace, W.
Robson, Mrs. F., 28, Brompton Square, S.W.
Rotherham, Jeremiah, Esq., 1, Aulaby Houses, Upper Clapton, N.E.
Ryan, The Right Hon. Sir Edward, Garden Lodge, 5, Addison Road, Kensington, W.
St. George, Mrs., 17, Rutland Gate, S.W.
St. Paul's, The very Rev. the Dean of, The Deanery, St. Paul's Churchyard, E.C.
Sale, Colonel T. H., 27, Westbourne Park, Bayswater, W.
Sands, William Samuel, Esq., 7, Westbourne Park, Paddington, W.
Sands, William Robert, Esq., K2, Albany, Piccadilly, W.
Schenley, Mrs., 14, Princes Gate, Hyde Park, W.
Seymour, Colonel Francis, C.B., St. James's Palace, S.W.
Sheppard, John G., Esq., 63, Chester Square, S.W., and Ashe High House, Wickham Market, Suffolk.
Shuter, Leonard, Esq., The Lodge, Morden, Surrey, S.
Sier, Rev. Thomas, D.C.L., 17, St. James's Place, St. James's, S.W.
Sillem, Frederick, Esq., Clapham Common, S.
Sillem, Augustus, Esq., Lawrie Park, Sydenham, S.E.
Silver, John, Esq., 1, New Inn, W.C.; and Woodbridge, Suffolk.
Somes, Mrs. Maria, 17, Queen's Gate, Hyde Park, W.
Smith, Edwin, Esq., 2, Cloisters, Temple, E.C.
Smith, Montague, Esq., M.P., 119, Park Street, Grosvenor Square, W.
Smith, Mrs. Sidney, 21, Upper Phillimore Place, Kensington, W.
Smyth, Colonel J. G., M.P., 17, Lowndes Square, S.W.
Stewart, Mrs., 9, Lansdowne Road, Kensington Park, W.
Stradbroke, The Countess of, 33, Belgrave Square, S.W.
Tait, Mrs., London House, St. James's Square, S.W., and Fulham Palace, S.W.
Thomas, William, Esq., 20, Boltons, West Brompton, S.W.
Thring, Mrs. Henry, 5, Queen's Gate Gardens, Hyde Park, W.
Toller, William, Esq., 16A, Cleveland Gardens, Hyde Park, W.

Toogood, Henry, Esq., 1, Chester Square, S.W.
Topham, John, Esq., Middleham, Bedale, Yorkshire.
Towers, George, Esq., 2, Lansdowne Place, West Brompton, S.W.
Trotter, Robert, Esq., 26, Thurloe Square, S.W.; and Twyford Lodge, East Grinstead.
Tyringham, William Backwell, Esq., Tyringham, Newport Pagnell, Bucks.
Vœux, The Lady Sophia Des, India Villa, Queen's County, Ireland.
Vœux, Sir Henry William Des, Bart., India Villa, Queen's County, Ireland.
Villis, Mrs. Catherine, Rossway, Berkhampstead, Herts.
Wagstaff, William, Mrs., 91, Westbourne Terrace, Paddington, W.
Waite, Henry, Esq., 3, Victoria Street, Pimlico, S.W.
Walker, William Harrison Captain, 103, Gloucester Terrace, Hyde Park, W.
Way, Rev. H. H., Alderbourne, Gerrards, Bucks.
Wills, Mrs., 41, Mecklenburgh Square, W.C.
Wilkins, James, Esq., National Club, 1, Whitehall Place, S.W.
Wheatstone, Professor, The Mall, Hammersmith, W.
Wood, Nicholas, Jun., Esq., 14, St. James's Place, S.W.
Wrottesley, The Hon. Edward Bennett, White Lodge, Putney, S.W.
Yates, Rev. Edmund T., M.A., Aylsham, Norfolk.
Zaba, N. F., Esq., 3, Sydney Street, Onslow Square, S.W.

LXIX.—REPORTS OF THE FLORAL COMMITTEE.

(*Continued from p.* 481.)

April 9, 1861.—*The* REV. JOSHUA DIX *in the Chair.*

The following declaratory rule as to what should be regarded as a "New" Plant, was agreed to:—

"Every plant which has not been before the Committee for judgment, or has not taken the highest award offered by the Committee, and is not commonly distributed or a common article of trade in this country, is eligible for exhibition as a new plant."

The subjects exhibited were as follows:—

Campylobotrys refulgens:—from Mr. W. BULL, F.R.H.S., Chelsea. This was a very handsome stove plant of the ornamental-foliaged class, and had been introduced to cultivation by M. Linden, of Brussels. It was stated to be a native of Chiapa, Mexico. The plant was dwarfish in habit, with large opposite obovate sessile leaves, tapered below, having a satiny lustre on the surface, which was of a deep olive-green colour, with pale-coloured whitish depressed nerves and ribs. It was awarded a FIRST-CLASS CERTIFICATE.

Azalea Kinghornii:—from Mr. KINGHORN, Sheen Nursery, Richmond. This variety, which was exhibited last season, was

now awarded a FIRST-CLASS CERTIFICATE. It was a handsome rose-coloured sort, remarkable for the substance and smoothness of its flowers, the upper segment of which was nicely spotted.

Epacris Vesta:—from Messrs. VEITCH & SON, Exeter and Chelsea. This was a pretty as well as novel variety, of free-blooming habit, with the erect growth and general character of the *impressa* section; the flowers had a white tube, which was tipped with pink, the tips being very bright and distinct in the bud. The variety was COMMENDED.

Symphytum tuberosum variegatum superbum:—from Mr. SALTER, F.R.H.S., Versailles Nursery, Hammersmith. A handsome variety of a hardy herbaceous perennial, in which the leaves were broadly margined with cream-colour. It was COMMENDED.

Veronica Chamædrys *var.* **pulcherrima**:—from Mr. SALTER. This was a very elegant dwarf hardy variegated herbaceous plant. The small neat ovate leaves were broadly margined with cream-colour. The variety was COMMENDED, as a pretty addition to the class of hardy variegated plants.

Of this class of plants there were, besides, exhibited:—

Citheroxylon niveum:—from Mr. W. BULL. This was a Silver Palm from New Grenada, but was not sufficiently developed to admit of an opinion being formed as to its ultimate character. The leaves of the young plants exhibited were scarcely divided, broadish, white and pulverulent beneath.

Epacris rosea:—from Mr. KINGHORN. A variety with the habit and foliage of *grandiflora*, the flowers having long crimson tubes, and large reflexed limb segments. It was considered too dull in colour.

Azaleas:—from Mr. TODMAN, gardener to R. HUDSON, Esq., Clapham: **Flag of Truce**, a fine double white variety, which had already received a first-class certificate, and was now again produced in fine bloom. **Prince Consort**, a bright rose-coloured, nicely spotted gay variety, having wavy-margined segments.—From Mr. W. BULL: **President Claeys**. This was a foreign variety, raised by M. Van den Cruysse. It had prettily coloured flowers, but they were too small, as shown, compared with existing varieties. The colour was a pale salmon-red, broadly edged with white, the upper segments moderately spotted.

Statice propinqua:—from Mr. WILLIAMS, Paradise Nursery, Holloway. A suffruticose variety closely resembling *S. profusa*, and of similar origin.

being obviously notched. **Volunteer**, a fine deep mulberry-maroon, of first-rate character, fully maintaining the character it assumed last year when awarded a first-class certificate.—From the same: a collection of 12 finely bloomed plants, of older varieties, which was awarded a SPECIAL CERTIFICATE.

Cinerarias:—from Mr. TURNER: **Miss Eyles**, a dwarf and very free-flowering variety of the heavily tipped rosy-crimson class, awarded a first-class certificate last season, and now proving itself a very ornamental kind. **Reynolds Hole**, a deep rosy-crimson self, attractive in colour. **Lurline**, a rosy-purple, with white ring around the disk.—From Messrs. F. and A. SMITH: **Rosy Morn**, bright rose, with distinct narrow white ring around the grey eye. **Géant des Batailles**, deep rosy-crimson, with purple disk. **Tyrian Prince**, deep purplish-rose, with dark disk. **Eugénie**, white, with purple margin, and dark disk. **Thetis**, white, with blue margin, and dark disk. **Electra**, white, with heavy irregular margin of rose, and dark disk.

April 23, 1861.—*The* REV. JOSHUA DIX *in the Chair.*

The numerous subjects of exhibition were as follows:—

Bougainvillæa speciosa:—from Mr. DANIELS, gardener to the Rev. C. E. RUCK KEENE, Swyncombe House, Henley-on-Thames. Mr. DANIELS sent several branches of this charming plant in a state of great beauty, laden with its rosy-purple bracts; and a SPECIAL CERTIFICATE was awarded for its production. Along with it were exhibited, through the courtesy of Dr. Lindley, dried specimens of two kinds of *Bougainvillæa* of which the following account was given in the *Gardeners' Chronicle* of April 20th:—

"*Bougainvillæa* is again in her glory, as we learn from the following letter: 'About this time last year, attention was drawn in the *Gardeners' Chronicle* (p. 431) to the magnificent *Bougainvillæa* in the gardens of the Rev. C. E. RUCK KEENE, at Swyncombe House, Oxon, and well deserved praise was accorded to Mr. DANIELS, the intelligent gardener there, for his successful treatment of a plant that had defied for years horticultural skill. It is now in full bloom, and presents, I think, a more brilliant appearance than it did last year. This unrivalled Brazilian creeper gracefully festoons the end of a span-roofed stove, displaying its exquisitely blended colours in profuse masses, over a space of at least 300 feet square—a more gorgeous effect from one plant it is difficult to conceive. Mr. DANIELS adheres to the opinion he has already expressed in the *Gardeners' Chronicle* as to the mode of treatment by which such great success has been attained.'

"It is now then ascertained beyond all doubt that the blooming the plant at Swyncombe was no accident, as some have fancied, but the pure and simple

result of good management. Concerning that management too our readers have had ample information from various quarters, among which may be most especially noted Swyncombe House itself, and Camden Park in New South Wales. To Sir WILLIAM M'ARTHUR's communication from the latter place (*Gardeners' Chronicle*, 1860, p. 955) we would again invite attention, for that gentleman tells us how he has attained success in a climate which really represents that of the best-managed English greenhouse. But he tells us something more. He points to the existence in cultivation of two very different plants known under the name of *Bougainvillæa spectabilis*. And this is again adverted to in the following letter which has reached us lately.

"'Camden Park, New South Wales, 21st Jan., 1861.—Six weeks ago I posted in Sydney a "book packet" addressed to you containing dried specimens of the two species of *Bougainvillæa* respecting which I wrote last August. The species with flowers and bracts more clustered together upon short peduncles, is the "old" sort, which we suppose to be *B. spectabilis*. The other, with flowers more sparse upon long peduncles, is the one I obtained at Paris from Professor DECAISNE, and which, judging from the descriptions given by some of the correspondents of the *Gardeners' Chronicle*, I presume to be *B. splendens*. Upon the whole the latter is decidedly of inferior beauty to the former. In colour it approaches closely to vermilion-red, the ends of the bracts passing into and tipped with carmine; but as a whole it does not produce the rich glow of colour, especially from afar, which renders the former species so remarkable as an ornamental plant. I believe them both to be as easy to manage and flower well in pots, as any hard-wooded plants requiring strong light and heat to mature their shoots. In their native climates their season of rest is evidently a very dry season, and if this be imitated in their artificial treatment they will *flower* in the greatest perfection under the temperature which best suits the flowering of the Camellia and Indian Azalea.'

"The dried specimens alluded to have reached us, and they show that Sir WILLIAM M'ARTHUR's Paris plant is extremely different from the other, which is, we believe, the sort grown in England. Like many other cases in botanical science, it is not very easy to say what are the correct names of these two kinds, the distinctions to be found in books being insufficient for identification. Originally there was but one *Bougainvillæa*, a plant brought home by COMMERSON, described by the great JUSSIEU, and figured by LAMARCK under the name of *B. spectabilis*. In course of time the number of supposed species of the genus has increased till it stands at six in DE CANDOLLE's Prodromus published in 1849—one of which can hardly belong to the genus. In the Botanical Magazine (t. 4811), Sir WILLIAM HOOKER suggested that the other five really represented only one variable species, to which he applied the old name *spectabilis*, at the same time figuring our usual English plant, from a specimen produced in a vinery near Christchurch, in Hampshire. For the present it is needless to discuss the goodness or badness of all the recent species admitted into DE CANDOLLE's Prodromus, none being in cultivation. The question is, what is the proper name of our English species, and what of that obtained by Sir WILLIAM M'ARTHUR in Paris? To this we believe a positive answer may be returned. 1. There can be no doubt that the Paris plant is the real original *B. spectabilis*, as M. DECAISNE stated. 2. It is equally certain that our English plant is not to be found among the four other species admitted into DE CANDOLLE's work. But there is a *B. speciosa*, so called and figured by SCHNITZLEIN in his *Icones Familiarum Naturalium*, which, as we are informed by Professor OLIVER, corresponds with our English plant, although in DE CANDOLLE it is merged in *B. spectabilis*; and this name it must hereafter bear. We have therefore *B. speciosa*, cultivated in this country; and *B. spectabilis* grown in the Garden of Plants in Paris. Of the

name *B. splendens*, mentioned by Sir WILLIAM M'ARTHUR, we find no trace. It has possibly been used in some continental garden, without having found a recorder.

"Since the above was in type we have received from Mr. DANIELS further superb specimens of *B. speciosa*, as it must now be called. His plant has been loaded with flowers for a month, and will retain its beauty for another. Mr. DANIELS retains his opinion that in successful cultivation all depends on root burning, as the plant now in blossom was never watered more than once from August to March, and that by mistake. He has this year treated a large plant 'in the usual way of stove plants as regards heat and water, and kept it growing all winter; it is two years old, and struck from the large one, but not the least symptom of bloom—although it bloomed last year with the hot dry treatment.'"

Lomaria 'cycadifolia:'—from Messrs. J. & C. LEE, Hammersmith. This was a fine evergreen fern, nearly or quite hardy, having a thick root-stock which sometimes becomes trunk-like, and pinnate fronds, with broad firm pinnæ. It is a native of Juan Fernandez, and is by some botanists referred to *L. magellanica*, of which it is perhaps a more arborescent variety, with the rachis and pinnules woolly with lax deciduous scales. The stem is sometimes three feet high. It was awarded a FIRST-CLASS CERTIFICATE.

Lomaria fluviatilis:—from Messrs. J. & C. LEE. This was a New Zealand species of elegant habit, the fronds membranous, narrow and elongated, with blunt elliptic pinnæ, somewhat wavy on the margin, and the rachis clothed with conspicuous dark-coloured scales. The fertile ones are more erect, and have blunt linear pinnæ. It was awarded a FIRST-CLASS CERTIFICATE

Polystichum vestitum *var.* **venustum**:—from Messrs. J. & C. LEE. A remarkably handsome evergreen New Zealand fern, with dark green bipinnate fronds, the pinnæ of which are smallish, trapeziform, and more or less deeply and acutely lobed and toothed. It was awarded a FIRST-CLASS CERTIFICATE.

Adelaster albivenis:—from Messrs, VEITCH & SON, Exeter and Chelsea. A very handsome variegated-leaved plant, of climbing habit, with smooth round stems, and opposite stalked leaves, which are ovate acuminate, and tapered below, and eventually become rather large. The surface is rugose, of a deep olive-green, traversed by white veins. It is a native of South America, a free-growing plant, and one which, in the form of young plants, bears a very ornamental character. It received a COMMENDATION CARD.

Erodium guttatum:—from Mr. WEEKS, gardener to W.

WILSON SAUNDERS, Esq., Reigate. This North African species was of prostrate habit, with cordate obtuse leaves, more or less deeply lobed and toothed. It bore axillary peduncles supporting umbels of four or five flowers, an inch in diameter, purple, with a black spot at the base of each petal. It will form a pretty summer rock plant, for which character it was COMMENDED.

Prenanthes arborea:—from Mr. WEEKS. This was COMMENDED as a plant bearing elegant foliage. The leaves were pinnate, with narrow distant leaflets, and the young plants had an elegant appearance, and will be useful for grouping in plant-houses. It is a native of the Canary Islands, and was raised from seed sent thence by Dr. Carl Bolle.

To this class of subjects also belong the following:—

Prenanthes pinnata:—from Mr. WEEKS. Introduced from the Canary Islands, along with *P. arborea*. It has more finely cut leaves, which are pinnate, with long crowded filiform leaflets, and has altogether a light drooping aspect, somewhat resembling that of *Equisetum Telmetiea*. In the young state, freely grown, the plant would be pretty.

Asparagus sp.:—from Mr. WEEKS. This had been introduced in 1859, from South Africa. In the form in which it was exhibited with the main stem supported in an upright position, the long slender branches hung down on all sides, the stems being two or three times branched, and the branches and branchlets all remarkable for their divaricate or ever refracted direction. The small ultimate branchlets were clothed with small setaceous leaves; and the whole plant was of a curious and elegant character.

Myrsiphyllum sp.—from Mr. WEEKS. This is also a trailing plant with small elongate lance-shaped sharp-pointed shining leaves, and small inconspicuous greenish flowers.

New Zealand Grass:—from Mr. WEEKS. This had been raised by Messrs. MAULE & Co., from seeds received from the Port Littleton district. It was apparently an Iridaceous plant, with narrow leaves, but indeterminable in the state in which it was exhibited. It was nevertheless of an elegant grassy character.

Taxus baccata pendula densa:—from Messrs. IVERY & SON, Dorking. A tall umbrella-like plant, with a straight erect stock, and a flat spreading head, the branches having a denser character than those of *T. Dovastoni*, which it was thought otherwise to

resemble in its mode of growth. It was considered likely to prove an ornamental form. Mr. IVERY stated that it, along with four others, was raised from continental seed above thirteen years since. The seedling plants all died when about five or six years old. The plant exhibited on this occasion had been grafted about nine years, and formed a dense flat head of some 5 or 6 feet across.

Erica mediterranea alba:—from Mr. W. BULL. A dwarf, bushy, hardy heath, six or eight inches high, forming a dense tuft, and bearing abundantly small white flowers. It was stated to have been found in Ireland by Mr. D. MOORE, and to form a very desirable plant for grouping in contrast with *E. carnea* and *E. herbacea*, which flower at the same time. The Committee was desirous of comparing it with some other varieties, and for this purpose Mr. BULL was requested to exhibit the plant again.

Thrinax elegans:—from Mr. BULL. A very elegant slender small-growing palm, from Central America. The plant was of ornamental character, and will be very useful for decorative purposes; but it was stated to be already well known in cultivation.

Pteris rubro-nervia:—from Mr. BULL. This was described by Mr. BULL as the handsomest of the bicoloured ferns. It is apparently of moderate size, but of vigorous growth, with comparatively large segments, the fronds being pedately pinnato-pinnatifid, with the terminal pinnæ a good deal elongated. The young fronds have a rich brown tinge. Though elegant in character and really distinct, it bears in general aspect too near a resemblance to some other species familiar in gardens. The dull deep-red midrib and rachis almost bring it into the variegated section.

Rhododendron arboreum:—from Mr. SMITH, gardener to S. RICARDO, Esq., Totness Park, Sunninghill. Cut trusses of the fine scarlet form of this species were contributed by Mr. SMITH. They had been raised from Nepal seed.

Agathea cœlestis fol. variegatis:—from Mr. BULL. Samples of this new variegated summer bedding plant, rewarded at a previous meeting, were now again produced for inspection. The leaves were less distinctly marked than before.

Lomaria pumila:—from Messrs. J. & C. LEE. A dwarf small-growing pretty tufted species from New Zealand.

Pultenæa cuneata:—from Messrs. VEITCH & SON, Exeter and Chelsea. A pretty free-flowering greenhouse species, with small obovate cuneate leaves, recurved at the points, and clothed beneath

with appressed hairs. The flowers were comparatively large, orange-yellow, with the keel brownish-red. It is individually a handsome plant, but in general character much like other species already in cultivation.

Erica Imperatrix:—from Messrs. VEITCH & SON, Exeter and Chelsea. This was one of the late Mr. STORY's seedlings. It was of the *aristata* class, and had large flesh-coloured flowers deeply coloured at the throat, the limb segments large blush-white. As compared with other varieties of this group, it was decided to be too pale in colour to be effective, the pallid colour, however, yielding variety in a collection.

Variegated Begonias: — from Mr. VEITCH: **Schilleri,** a silvery-leaved sort, of dwarf habit, the leaves having a small central green star, and a narrow speckled green edge. Its recommendation is the small size to which it grows.—From Mr. BULL: **Count Alfred de Limminghe,** a distinct and handsome variety, having the olive-green ground colour of the centre and margin almost covered with crowded uniform silvery dots, the rest of the surface forming a clear silvery zone. **Madame Guntzberger,** small and distinct, with angular-lobed olive-green leaves, dotted all over with spots of white. **Charles Enke,** pretty with somewhat angular-toothed leaves, dark purplish-red in the centre, and having a narrow edge of the same colour, with a broad intervening space of bright green, marked with numerous distinct silvery dots. **Duchess de Brabant,** with leaves having a dark brownish centre, surrounded by a broken silvery zone, exterior to which is a green zone, and a brownish edge. **Funckii,** small, in the way of *amabilis*, olive-green, with creamy zone, and angular-toothed olive edge. **Mine d'Argent,** apparently small-growing, almost wholly silvered, red beneath. **Madame Thibaut,** large, with brown central ray and edge, the rest green blotched with silvery patches, so as to become almost vittate. **Princess Charlotte,** in the way of *Marshallii*. **Fortunei,** with the centre brownish-red running out along the veins, the same colour forming a narrow even edge, the rest of the surface of a soft velvety-looking green, no white.

Azaleas:—from Mr. GREEN, F.R.H.S., gardener to Sir E. ANTROBUS, Bart., F.R.H.S., Cheam: **Magenta,** rose colour, without spots, the segments wavy. **Gertrude Elliot,** salmon-red without spots, and wavy.

Of Florists' flowers, the exhibitions were :—

Pelargonium, Herald of Spring:—from Mr. TURNER. A

variety of moderately vigorous habit, the leaves marked with a broad deep-coloured zone; the flowers very large, and of good form, orange-tinted cerise. It was adjudged a FIRST-CLASS CERTIFICATE.

Pelargonium, Prince of Hesse:—from Mr. TURNER. This variety was COMMENDED. It was shown as a plant of moderate vigour, the leaves marked with a deep-coloured zone, the flowers large and well formed, salmon-pink, paler towards the edge. This was grown as *Ingram's Seedling A* at Chiswick last summer, and was then found to be a meritorious variety. The young plants now exhibited were somewhat altered in character by indoor culture, but it was thought that it would hereafter be seen in a more perfect condition. The name *Prince Louis of Hesse*, employed at p. 445, has since been altered to *Prince of Hesse*, by the command of Her Majesty the QUEEN.

Variegated Pelargonium, Clara:—from Mr. TURNER. A finely marked variety, COMMENDED on this occasion, but thought to promise the development of character which would render it first-class hereafter. The disk of the leaf was marbled-green, with a darker zone broken on the outer side, this zone being in the younger leaves orange-coloured; exterior to this was a broad margin of yellowish-green, with a tendency to become golden; the flowers were large and well formed, deep crimson-scarlet.

There were also exhibited :—

Pelargoniums:—from Mr. TURNER: **Fairholmsland,** a vigorous grower, with horseshoe-marked foliage, and blush-white flower of tolerable form. **Queen of Scarlets**, a dwarf compact variety, with small soft hairy dark horseshoe leaves, and numerous trusses of fair-sized bright scarlet flowers, produced all through the winter. It was thought likely to be a useful bedding sort, and was recommended to be sent to Chiswick for trial. **Garibaldi,** dwarf, with darkly zonate leaves; the flowers of a bright orange-scarlet and of fine form. This was considered to indicate excellent properties, but one small plant with a single truss of bloom was not thought sufficient for adjudicating upon.—From Messrs. J. & C. LEE: **Lee's Scarlet Nosegay**, a sport obtained by Messrs. LEE from *Imperial Crimson*, the leaves zonate, and the flowers crimson-scarlet, broader in the petals than in the variety from which it sported.

Cinerarias:—from Mr. TURNER: **The Colleen Bawn**, a pretty decorative variety, of diffuse habit, with white florets, having a

slight uneven tip of deep blue, surrounding a dark disk. **Reynolds Hole**, a large showy bright rose-crimson. Also the following yearly varieties:—**Miss Franklin**, large and showy, as well as fine in quality, disk brownish, florets white, heavily edged with deep pucy-crimson. **Harbinger**, a variety with grey eye, and rosy florets, with a narrow zone of white around the eye. **Lord of the Manor**, dark in the centre, the florets wavy, a distinct white ring at the base, pucy-crimson on the upper part. **Great Western**, a fine deep rose-crimson self, flushed with violet, and having a dark disk.

Collections:—from Mr. TURNER: a collection of 80 finely grown Auriculas, in full perfection of bloom, also a collection of 10 finely bloomed Azaleas, for each of which a SPECIAL CERTIFICATE was awarded. A SPECIAL CERTIFICATE was also given to Mr. TURNER for a collection of 6 well grown Cinerarias, 8 spotted-flowered Pelargoniums, and 7 pot Roses.—From Messrs. W. CUTBUSH & SON, Highgate: a large collection of Hyacinths, still in fine bloom, awarded a SPECIAL CERTIFICATE.—From Mr. YOUNG, gardener to R. BARCLAY, Esq., Highgate: a very nice collection of Tulips, and a basket of fine Mushroons.

From the garden of the Society there came a good specimen of **Beschorneria yuccoides**, a handsome Amaryllid, with large conspicuous crimson bracts clothing its tall flower-stem.

May 14, 1861.—JOHN JACKSON BLANDY, Esq., V.P.R.H.S., *in the Chair.*

The following donations were announced:—

Mr. J. VEITCH, Jun., F.R.H.S., Chelsea—20 sorts of Variegated Begonias, 53 Gloxinias, 2 Achimenes, and 10 Pelargoniums.

Mr. MAY, Hope Nurseries, Bedale—5 sorts of Pelargoniums, 27 Verbenas, 4 Petunias, and 7 Phloxes.

Mr. R. WRENCH, F.R.H.S., London Bridge—69 sorts of flower seeds.

Mr. TURNER, F.R.H.S., Slough—38 sorts of Pelargoniums, 50 Verbenas, 29 Pentstemons, and 12 Fuchsias.

Messrs. DOWNIE, LAIRD, & LAING, Edinburgh—36 sorts of Pentstemons, 3 Begonias, and Pelargonium Garibaldi.

Mr. E. P. DIXON, Hull—15 sorts of Verbenas, 12 Pelargoniums, and 1 Phlox.

Messrs. BUTLER & M'CULLOCH, Covent Garden—Seeds of 168 Varieties of Carnation and Picotee.

The following were the subjects of exhibition:—

Pimelea elegans:—from Messrs. VEITCH & SON, Exeter and Chelsea. An elegant greenhouse evergreen shrub, with opposite rather large ovate-lanceolate leaves, and globular heads of white flowers, which were ornamented by projecting conspicuous orange-coloured anthers. It was awarded a FIRST-CLASS CERTIFICATE.

Petunia inimitabilis fl. pleno:—from Messrs. VEITCH. This was a continental variety, imported last season, and now for the first time exhibited in bloom. The habit was dwarf and bushy, the foliage neat, and the flowers large, double, sweet-scented, purple, variously blotched and marked with white. The variety was one of a very ornamental character, and being a valuable decorative plant, it was awarded a FIRST-CLASS CERTIFICATE.

Cineraria rosea plena:—from Mr. A. KENDALL, florist, Stoke Newington. This was one of the Tom Thumb varieties hereafter mentioned. Its flower-heads were small, of the bright rosy crimson common among Cinerarias, many of them full-double, the disk florets having assumed the ligulate form; others semi-double from the florets being partially changed. It was COMMENDED, as an advance towards a class of double-flowered varieties, and as being an elegant decorative plant, especially adapted for the ornamentation of small flower vases, and for other similar objects. Mr. Kendall stated that it had been obtained from a semi-double one raised last year, and that he had succeeded in rearing from the same parent another plant, now out of blossom, in which every flower-head was perfectly double.

Pelargonium Mrs. Ponsonby Moore:—from Messrs. VEITCH. This dwarf-habited free-flowering variety was COMMENDED as an attractive decorative variety. The blossoms were abundantly produced, rather small, of a bright lively rose-crimson colour, with very dark blotches on each petal, those of the two upper ones being largest. It was exhibited as a hybrid bedding variety, in which capacity the Committee could not form any opinion as to its merits, but it was regarded as at least a very useful decorative pot plant.

The remaining exhibitions consisted of the following subjects:—

Pansies:—from Messrs DOWNIE, LAIRD, & LAING, Edinburgh and Sydenham. A collection of cut blooms of 36 varieties, for which a SPECIAL CERTIFICATE was awarded.

New Conifers:—from Messrs. VEITCH. Young seedlings of the following species introduced from Japan by Mr. J. G. VEITCH

and accompanied by dried specimens of the mature plant, namely, **Retinospora obtusa, Retinospora pisifera,** and **Pinus densiflora.** Although in too young a state to come under adjudication by the Committee, yet the dried specimens showed them to be fine plants in the mature state; and as they were sent by Mr. VEITCH with the view of adding to the interest of the meeting, the thanks of the Committee were voted for their production.

Arundo conspicua:—from Messrs. J. & C. LEE, Hammersmith. A tall-growing grass, with something of the aspect of the Pampas grass, but flowering earlier in the season. It was stated to be hardy, but the specimen shown had been grown in a greenhouse, and had not apparently attained its mature character; it was therefore desired that specimens grown in the open air and showing its natural features might be hereafter exhibited.

Sauropus Gardneri:—from Messrs. LEE. This plant was not sufficiently developed. It resembled a pinnate-branched Phyllanthus, and had the leaves small, ovate, deep green, with a grayish central blotch.

Sisyrinchium versicolor:—from Messrs. LEE. Another example, not in flower, of the plant exhibited by W. WILSON SAUNDERS, Esq., on April 23rd, under the name of *New Zealand Grass*. The striped character of the grassy or narrow Iris-like foliage was in this case more strongly developed, and it appeared likely to prove a pretty variegated object for summer use.

Cinerarias:—from Mr. A. KENDALL. A collection of 15 plants of a small-flowered and dwarf-habited race, described by Mr. Kendall as forming a new class of Cinerarias, with the peculiarities of an extremely dwarf habit and a dense-clustered inflorescence. The first indication of this habit was presented three years since, and this being followed up had resulted in the production of plants in which the dwarf floriferous character seemed fixed.—Also from Mr. KENDALL: **semiduplex variegata,** and **semiduplex purpurea,** about which he stated that they showed the probability of the hitherto intractable Cineraria ultimately assuming the form of a beautiful double flower. In these varieties the tendency was evident, some of the pips containing as many as 20 florets, arranged in a double series. The first was a tall variety with large flower-heads, the florets broad and tipped with rose; the other was somewhat dwarfer, with the same semidouble character apparent in the deep blue-purple flower-heads.

Pelargonium Princess Alice:—from Mr. TORBRON, Kensington. A lilac-flowered variety, said to be adapted for forcing.

May 28, 1861.—*The* REV. JOSHUA DIX *in the chair.*

The following donations were reported :—

Mr. BULL, F.R.H.S., Chelsea—12 plants of Agathea cœlestis fol. variegatis.

Messrs. LOW & Co., Clapton—15 Fuchsias, 36 Petunias, 21 Verbenas.

Mr. W. DEAN, Shipley—4 Pelargoniums, 2 Fuchsias, 2 Heliotropes.

Mr. PRICE, Airesfield, Pendleton—5 Pelargoniums, 1 Fuchsia, 1 Lobelia.

Mr. G. SMITH, Hornsey Road—4 Pelargoniums, 1 Calceolaria, 1 Petunia, 15 Verbenas, 7 Fuchsias.

Mr. SCOTT, Crewkerne—18 Fuchsias, 34 Geraniums, 4 Heliotropes, 70 Verbenas, 2 Salvias, 2 Tropæoleums, Arctotis grandiflora.

The plants exhibited on the occasion were as follows :—

Todea superba :—from Messrs. VEITCH & SON, Exeter and Chelsea. This beautiful fern, one of the loveliest of its race, was awarded a FIRST-CLASS CERTIFICATE. Though not fully developed as to size, it was quite enough so to prove it to be a plant of exquisite beauty. Its fronds were about nine inches long, spreading, and gracefully arching; the pinnæ crowded, and cut into narrow segments, which instead of lying flat in one plane, as in *T. hymenophylloides*, are turned upwards, and bristle over the whole surface. The texture is transparent green, as in the species just named (better known as *T. pellucida*), and in the film ferns. The fronds, instead of having a long naked stipes, as in the species already referred to, are feathered down to the very base, the outline being truly lanceolate. This fern, sometimes called **Leptopteris superba,** is a native of New Zealand, where it appears to be very rare.

Lomaria Fraseri :—from Mr. STANDISH, F.R.H.S., Bagshot. This handsome fern is also a native of New Zealand. Mr. Fraser, after whom it is named, mentions having there seen the slender stems 10 feet high, while Dr. Hooker and Mr. Brackenridge speak of it as ordinarily from 2 to 3 feet high, erect, or nearly so, with quite the habit of a tree fern, so that the party who accompanied the latter gentleman always spoke of it as the "miniature tree fern." The plant now exhibited was

young, and with little trace of the stem, but it showed on a small scale the elegantly pinnato-pinnatifid smooth firm-textured fronds, which are ovate lanceolate in outline, and have the bases of the pinnæ decurrent into a series of small angular segments, which form a continuous wing to the rachis. The fertile fronds are bipinnate, with numerous short crowded pinnules, so that the plant is quite unique among Lomarias. It was awarded a First-Class Certificate.

Calceolaria canariensis:—from Mr. G. Smith, Tollington Nursery, Hornsey Road. This was a shrubby variety, of remarkably dwarf stocky habit, thickly branched, and loaded with close trusses of largish bright yellow flowers. The excellent habit and free blooming character of this plant will render it a valuable flower-garden and decorative object. It received a First-Class Certificate.

Aralia Sieboldii variegata:—from Messrs. Veitch & Son. A variety of the well-known and handsome *Aralia Sieboldii*, introduced from Japan. In this variety the lobes of the leaves are tipped, and here and there irregularly edged, with white. It was hardly sufficiently variegated, but was adjudged worthy of Commendation.

Pansy (*fancy*) **Princess Alice**:—from Mr. W. Dean, Bradford Nursery, Shipley. A large-flowered and attractive sort, which was Commended as a useful variety, of the class commonly called Belgian or Fancy kinds, but which is of French origin. The flower was creamy white, the two upper petals having a basal purple spot, of which the ray-like margin only is seen; the next pair have a large purple blotch, slightly radiate at the edge, and extended so as to leave a tolerably even white margin of a quarter of an inch in width; the lower petal, which has a yellow eye, has a white margin of rather more than an eighth of an inch wide, and the rest is occupied by a dark purple blotch, having a radiate edge. The variety is effective as a decorative plant, as are many others of this class.

Pelargonium Amazon:—from Mr. W. Beck, Worton Cottage, Isleworth. This was a variety remarkable for its stocky vigorous habit, and its free-blooming character. It was Commended as an attractive decorative plant. The flowers were large, of a deep purple-rose, with violet centre, and dark-blotched upper petals.

The following additional subjects were shown:—

Pansies (*fancy*):—from Mr. Dean: **Pio Nono**, a mottley

purple, with yellow strongly marked lower petals. With this, Mr. DEAN exhibited blooms of various other fancy varieties, already known in cultivation.

Pelargoniums:—from Mr. W. BECK: **Nymph**, blush-white, with maroon-crimson spots, the habit bushy; **Nitida**, rather small-flowered, but very neat and pretty, pure white, with small, clear, well-defined spots of rose on the upper petals; **Butterfly**, a very pleasing and attractive sort, the upper petals dark maroon, with a narrow edge of rose, the lower ones with rather large distinct maroon spots, passing in crimson, and margined with pale rosy edge; the contrast between the dark blotches and the light margins rendered this rather a desirable decorative variety; **Splendens**, a large light carmine, with white centre, the lower petals having a small darker spot, and the upper ones being dark maroon with a narrow carmine edge; **Victor**, similar in colour to the last, but smaller, and with a bluish centre; **Denise**, a small-flowered lively violet-rose, with whitish edges, and small dark blotch on the upper petals; **Sylph**, a vigorous sort, with blush-white flowers, having three small distinct rosy spots on the lower, and bolder and darker ones on the upper petals, the form being desirable; it was thought to be a promising flower, but as it was only just coming into bloom it was requested that it might be sent again when more developed; **Violacea**, large delicate lilac, with pale centre, and dark blotch on upper petals; **Circle**, blush, with veiny lower petals, the upper ones dark maroon.

Pelargoniums (*fancy*):—from Mr. WIGGINS, gardener to Mrs. BECK, Isleworth: **Gem**, white, with rosy-lilac markings.

Pelargoniums (*variegated*):—from Messrs. J. and C. LEE, Hammersmith: **Mary Anne**, a variety with convex leaves, silver-edged, and having a brownish zone, the flowers rather loose, cerise-scarlet.

Pelargoniums (*zonale*):—from Mr. W. BULL, F.R.H.S., Chelsea: **St. Fiacre**, a variety having boldly and clearly marked horse-shoe foliage, the flowers with fine broad lower petals, salmon colour, with pure white centre; it was regarded as a promising variety, but was hardly enough developed; **Lucien Tisserand**, with loose trusses of scarlet flowers; **Loveliness**, with compact trusses of well-formed rose-pink flowers with white at the base of the upper petals.

Petunia Caspar Schindler: from Mr. BULL. A strong-growing variety with remarkably broad coarse leaves, the flowers large, double, rosy-purple.

Chrysanthemum regale:—from Mr. NEWTON, gardener to the Lord Chief Baron Pollock, F.R.H.S., Hounslow. A dwarf bushy-habited free-flowering plant, with finely cut leaves, and double creamy-white flower heads, two inches across. It is a half-hardy plant, resembling, except in dwarfishness, the double varieties of *C. coronarium*, and is much cultivated on the Continent; it was also stated to be an excellent plant for town gardens, or for window cultivation.

Tydæa insignis:—from Mr. WILLIAMS, Paradise Nursery, Holloway. A free-flowering and showy variety, with large-sized and richly coloured blossoms, of which the tube was orange-scarlet and hairy, and the limb deep crimson, marked with dark bars and spots arranged in radiating lines. The leaves were green, ovate, acuminated, and serrated. It was stated to be an almost perpetual bloomer. The Committee requested that it might be sent to a subsequent meeting, along with some of the other crimson-flowered sorts, for comparison.

Rhododendrons:—from Mr. STANDISH, Bagshot: **Countess de Morella**, a variety with large compact trusses of a lovely soft rose-colour, of the most delicate hue, the flowers having wavy edges; **The Saxon**, rich carmine, in compact trusses of moderate size. These were both hardy hybrids, and exceedingly fine varieties, but in the absence of others for comparison, no opinion could be formed as to their being sufficiently distinct to merit an award.

Gloxinias:—from Messrs. MILNE & Co., Vauxhall; **General Garibaldi** and **Mestonii**, two fine erect-flowered varieties, with white tube and violet-purple throat, the latter having the purple rather more extended over the limb, and being the finer as to form; also, **Lady Willoughby** and **Countess of Derby**, two erect-flowered kinds, with white tube and rosy-carmine throat; both large-flowered and handsome, but the latter the more coloured of the two and better shaped, the spreading lobes being nearly parallel at the edges. They were all excellent varieties, and very handsome, but presenting no feature of novelty.—From Mr. OATES, F.R.H.S., gardener to Lord LEIGH, Stoneleigh Abbey, Kenilworth: **Princess Beatrice**, a white erect-flowered sort, with red throat, and of inferior quality.

Campylobotrys pyrophylla:—from Messrs. VEITCH & SON. A stove perennial, recently introduced by Mr. LINDEN. It has reddish olive-tinted leaves, clothed with red hairs; they are oblong-obovate in form, of moderate size, and narrowing to the

stalkless base. The plant is distinct from the other kinds previously known, but was hardly sufficiently advanced to judge of its merits.

Lily of the Valley:—from the Rev. T. STANIFORTH, F.R.H.S., Storrs. These were cut specimens of some remarkably vigorous and very beautiful examples of the common *Convallaria Majalis*, produced by high cultivation. On some of the scapes as many as 23 of the fragrant bells were borne. They were stated to have been grown on wall-borders in different aspects, the practice being to take out a trench each season, and to fill this up with rich fresh loam, in which to encourage the runners. The plants under this treatment, and owing to the change of soil, were found to acquire extraordinary vigour.

LXX.—REPORT OF THE FRUIT COMMITTEE OF THE ROYAL HORTICULTURAL SOCIETY FOR THE YEAR ENDING 30TH OF APRIL, 1861.

SINCE the reconstruction of the Fruit Committee in February, 1860, twenty meetings have been held, at all of which there has been a large attendance of the members, who have invariably manifested the greatest interest in the proceedings and objects of the Committee. The subjects that have been submitted at these meetings have been very numerous, and consisted of a great variety of Fruits and Vegetables, many of which were seedlings, and publicly exhibited for the first time. But there were also extensive collections of Fruits forwarded from various parts of the country, illustrating the different varieties grown in certain districts, the result of which has been the introduction to the knowledge of the Committee of many fruits of great merit, which were previously unknown except in the immediate locality in which they are grown.

During the earlier part of the period to which this report refers, it was the custom of the Committee to award money prizes for Seedlings, and for meritorious productions of the older varieties of Fruits, as much for the purpose of inducing growers to send fruit to the meetings of the Committee as to encourage and stimulate the growers. But since the establishment of the Local Committees, such inducements for obtaining collections of fruits for the meetings were unnecessary; and in the case of Seedling Fruits, it was thought that the mere approval of the

Committee and its recommendation of the subject exhibited, was of equal, if not greater, value than any money award it was in their power to confer.

Since the discontinuance of the money prizes, the Committee has instituted two certificates, one called the FIRST-CLASS CERTIFICATE, which is awarded to Seedling or newly introduced Fruits or Vegetables, which in the opinion of the Committee are either superior to others of their class, or possess sufficient merit to recommend them for general cultivation. The other is called the CERTIFICATE OF COMMENDATION, and is given to such exhibitions of older varieties of Fruits or Vegetables as appear to have required superior skill and management in their production. In every instance the use of these two certificates has been found to answer every purpose, and to excite among exhibitors as much rivalry as was observed when money prizes were awarded.

The awards that have been made during the past season are as follows:—

1860.

February 7th.—1st Prize to Mr. Smith, gardener to S. Ricardo, Esq., of Sunninghill, for Josephine de Malines Pear 20*s*.
2nd Prize to Josiah Moorman, Esq., for Colmar . 10*s*.
1st Prize to Mr. Gadd, of Dorking, for Court of Wick Apple . . . . 20*s*.
2nd Prize to Messrs. Ivery, Dorking, for Mickleham Pearmain Apple . . . . . 10*s*.
1st Prize to Mr. John Hodge, St. Austell, for Smith's Pippin (cooking apple) . . . . . 20*s*.
2nd Prize to Mr. W. Reid, Sydenham Hill, for Lemon Pippin (cooking apple) . . . . . 10*s*.

March 1st.—1st Prize to Messrs. Ivery, Dorking, for Norfolk Beefing Apple, for cooking . . . . 20*s*.
2nd Prize to Mr. Whiting, of the Deepdene, for Bedfordshire Foundling cooking apple . . 10*s*.

May 8th.—Certificate of Commendation to Mr. Gardiner, gardener to Sir G. R. Phillips, Bart., Weston House, Shipston-on-Stour, for a dish of Forced Peaches.

June 12th.—1st Prize to Messrs. Small, of Colnbrook, for Ingram's Prince Arthur Strawberry . . 20*s*.

July 10th.—1st Prize to Mr. Charles Turner, for the best collection of New Strawberries . . . . 20*s*.

1st Prize to Mr. Charles Turner, for the best collection of Older Strawberries . . . . . . 20s.

1st Class Certificate to Strawberry Blackbird, from Mr. Ingram, Frogmore.

1st Class Certificate to Strawberry Prince Arthur, from Messrs. Small, of Colnbrook, and Mr. Bragg, Slough.

July 31st.—1st Prize to Messrs. Meyers, of Brentford, for Gooseberry "Companion" . . . . . . 10s.

1st Class Certificate to Ingram's hardy prolific Muscat Grape, exhibited by Mr. Standish.

1st Class Certificate to Frogmore late Pine Strawberry, exhibited by Mr. Ingram.

1st Class Certificate to Sanspareil Strawberry, exhibited by Mr. Culverwell, Thorpe Perron.

August 14th.—1st Class Certificate to July Greengage Plum, exhibited by Mr. Rivers.

October 9th.—1st Prize for a collection of Grapes, to Mr. Hill, Keele Hall . . . . 3*l.*

2nd Prize to Mr. Henderson, Trentham . 1*l.* 10*s.*

In addition to these, two prizes of 5*l.* each were placed at the disposal of the Committee by C. Wentworth Dilke, Esq., V.P., and one of 5*l.* by W. Wilson Saunders, Esq., Treasurer, to be applied in whatever way seemed best by the Committee. It was therefore decided, "that three prizes of 5*l.* each be awarded to the best three seedling fruits possessing superior merit, of any of the following kinds, which shall have been exhibited at any meeting between the 1st of May, 1860, and the 31st of March, 1861, viz.: Grapes, Peaches, Nectarines, Apricots, Plums, Cherries, Apples, Pears, and Strawberries."

On reviewing the exhibition which has taken place during that period, the Committee were of opinion that there were only two subjects which were worthy of participating in the prizes; and they accordingly awarded one of Mr. Dilke's to the Seedling Pine Apple raised and exhibited by Mr. Oates, gardener to Lord Leigh, Stoneleigh Abbey. Mr. Saunders' prize was reserved for Ingram's Hardy Prolific Muscat, exhibited by Mr. Standish, which was twice exhibited last season and highly approved of; but as it was known that it would be again exhibited on the 5th of June, and in much better condition, the award was withheld till that occasion. The remaining 5*l.* of Mr. Dilke's is, with his permission, carried forward till next season, to be dealt with in

the same way as it should have been had there been another exhibition to merit the award.

As part of the duty entrusted to the Committee was to superintend and direct the trial crops at the Garden, the Secretary of the Committee succeeded in obtaining large collections of the following seeds, viz.:—113 Peas, 72 Kidney Beans, 127 Cucumbers, 40 Broccoli, and 33 Cabbages. These were all sown, and great expectations were entertained from the result, but from the unfavourable state of the weather during the summer and autumn, and the subsequent severe winter, the majority of these trials proved failures. The Peas were the only crop that could be undertaken, and the result of the observations made upon them has already appeared in the Proceedings of the Society.

Perhaps one of the most important steps taken by the Committee during the past season was the establishment of Local Committees, of which there are now five in operation, viz.:—Oxfordshire, Wiltshire, Staffordshire, Derbyshire, East Riding of York, and the Valley of the Tweed. The time is as yet too short for any opinion to be formed of the effect produced by the operations of these Local Committees, but there is every prospect, from the experience already obtained, that much good will arise from their agency.

ROBERT HOGG,

Secretary to the Committee.

LXXI.—THE PEAR FLY.

Communicated to the Fruit Committee.

Dexia nigripes? Walker; *Diptera*, pl. 12, 11.

"I TRUST it will not be uninteresting to the Fruit Committee if I call their attention to the history of a little fly which, without attracting the notice of the gardener, frequently destroys his crops of pears, and probably apples also; and if to a knowledge of the economy of the insect I can add a simple method by which its destructive effects may in future be prevented, or at least reduced in extent, I shall not deem the time misspent.

"To Henry Webb, Esq., of Redstone Manor, Reigate, a Member of the late Pomological Society, I am indebted for several specimens of Catillac pears which he sent me on the 25th June, 1860, in which he had discovered several small maggots,

which caused the fruit to fall off even at that early period. I at once placed them in a glass and covered them over, and on opening it in February last I found two flies had been produced, a male and female, which I will endeavour briefly to describe.

"The female is about three-eighths of an inch long, appearing to the naked eye of a pale grey colour, and in general formation like a common house-fly; but under a lens its distinctive characters are at once perceptible. Head semi-orbicular, dingy white, with a black velvety mark in front reaching down to the antennæ, and terminating at the back in form of a crescent; antennæ dark, set with short spines and slightly curved inwards; eyes rich brown, oval, widely separated; thorax ovate, angular at the base; with five remarkable black spots, one on each shoulder and three below, divided by a scarcely perceptible suture; several small black dots between the larger spots, out of which stiff setæ issue, the whole bearing a close resemblance to ermine; scutellum semi-ovate, centre white, with an angular black spot on each side, ending in a point with a stiff seta; abdomen four-jointed, dingy white, with three black spots on each joint, the centre one angular; wings dusky, long oval, with five principal nervures and several transverse, as I have endeavoured to show in the accompanying sketch; legs black. Under a lens this is a very pretty fly, belonging to the family muscidæ, of which Mr. Curtis enumerates forty-nine species in British entomology; but in the absence of figures and description I cannot identify it with any of them. It appears, however, to correspond with 'Dexia nigripes,' figured by Walker, 'Diptera,' pl. 12, fig. 11, although he describes the thorax as quadri-maculata, yet shows *five spots upon it* exactly according with my specimen. The male is smaller, of a more common dingy colour and not handsomely spotted. The maggots are very similar to those of the blow-fly, but smaller. At what time the eggs were deposited, or in what part, cannot be precisely stated, but most likely when the pear was in blossom, or very soon afterwards, as I have frequently discovered the larvæ of Lepidoptera in the blossoms of other trees, and bred them until they arrived at the perfect state. I think it would be almost impossible to destroy these mischievous larvæ or the flies at this time; but if every gardener who is made aware of their destructive effects were carefully to collect the fruits which they have caused to fall abortive to the ground, and burn them, the species above described might easily be kept under; and by adopting the same plan throughout the season, many other equally injurious insects

might be almost extirpated, and thus tidyness and usefulness would be seen linked hand in hand.

" *Crauford, April* 9, 1861. " F. J. GRAHAM.

LXXII.—LIST OF AWARDS FOR NOVELTIES MADE BY FLORAL COMMITTEE BETWEEN MAY 1ST, 1860, AND MAY 1ST, 1861.

First-Class Certificates.

March 12.	Agathea cœlestis fol. variegatis	Bull.
May 10.	Asplenium myriophyllum	Linden.
June 28.	Athyrium Filix-fœmina plumosum	Stansfield.
March 26.	Azalea Flag of Truce	Todman.
April 9.	,, Kinghornii	Kinghorn.
May 10.	,, President	Kinghorn.
May 10.	Auricula North Star (Richmond)	Turner.
July 12.	Caladium Wightii	Osborn.
April 9.	Campylobotrys refulgens	Bull.
May 10.	,, regalis	Linden.
May 10.	,, smaragdina	Linden.
Aug. 2.	Carnation Rose of Castile (Headly)	Turner.
Aug. 9.	,, Shakspere	Bragg.
March 26.	Cattleya guatemalensis	Veitch.
Nov. 8.	Chrysanthemum Lady Hardinge	Salter.
Dec. 13.	,, Little Harry	Salter.
July 26.	Cordyline Banksii erythrorachis	Veitch.
June 28.	,, indivisa	Standish.
June 14.	Cyathea Smithii	Standish.
June 14.	,, Cunninghamii	Standish.
Dec. 13.	Cypripedium insigne Maulii	Maule.
Aug. 23.	Dahlia Andrew Dodds	Keynes.
Aug. 23.	,, Mrs. Dodds	Dodds.
Sept. 27.	,, Beauty of Hilperton	Edwards.
Sept. 13.	,, Marquess of Bowmont	Dodds.
Aug. 23.	Epigynium leucobotrys	E. G. Henderson.
July 26.	Fuchsia Prince Leopold	Banks.
July 26.	,, Lord Elcho	Banks.
July 26.	,, Minnie Banks	Banks.
Oct. 11.	Gladiolus Rev. J. Dix	Standish.
July 12.	Gleichenia furcata	Sim.
Aug. 9.	,, pubescens	Veitch.
July 12.	,, rupestris	Sim.
July 12.	,, semivestita	Sim.
Sept. 13.	Gymnogramma Wetenhalliana	Kelly.
May 24.	Hemerocallis disticha fl. pleno	Veitch.
Aug. 23.	Lobelia Purple Standard	Kinghorn.
April 23.	Lomaria cycadifolia	Lee.
April 23.	,, fluviatilis	Lee.
June 28.	Pelargonium Perdita	Turner.
June 28.	,, (fancy) Arabella Goddard	Turner.

Aug. 9.	,, (variegated) Argus	G. Smith.
April 23.	,, (zonale) Herald of Spring	Turner.
Aug. 9.	Picotee Elise	Turner.
Aug. 2.	,, Princess Alice	Turner.
Aug. 2.	,, Rev. H. Mathews	Turner.
July 12.	Pink Beautiful	Turner.
June 28.	,, Mrs. Turner (Maclean)	Turner.
July 26.	Polystichum aculeatum v. corymbiferum	Miss Thompson.
April 23.	,, vestitum v. venustum	Lee.
July 12.	,, triangulum v. laxum	Sim.
March 26.	Pteris cretica v. albo-lineata	Bull. Veitch.
May 24.	Rhododendron Amilcar	Standish.
May 24.	,, maculosissimum	Standish.
Sept. 27.	Taxus baccata v. erecta Crowderi	Crowder.
Dec. 13.	Thibaudia macrantha	Veitch.
Aug. 9.	Verbena Nemesis	G. Smith.
Sept. 27.	Zinnia elegans fl. pleno	Carter. Vilmorin.

Commendations.

April 23.	Adelaster albivenis	Veitch.
June 14.	Aquilegia vulgaris v. caryophylloides	Carter.
June 14.	Azalea amœna hybrida	Standish.
June 28.	,, Magnet	Barnes.
May 24.	,, Mars	Kinghorn.
April 9.	Auricula Rev. G. Jeans	Turner.
June 28.	Calceolaria canariensis	G. Smith.
Aug. 23.	Calendula officinalis fl. pleno	Whiting.
March 26.	Cineraria Prairie Bird	Turner.
March 26.	,, Maid of Astolat	Turner.
May 24.	Cissus (?) cordifolius	Veitch.
Nov. 8.	Chrysanthemum Little Harry	Salter.
Dec. 13.	,, Canary Bird	Salter.
Dec. 13.	,, Caractacus	Salter.
Dec. 13.	,, Golden Hermine	Salter.
July 26.	Clarkia pulchella v. Tom Thumb	Carter.
July 12.	Cypripedium Dayanum	Stone.
Sept. 13.	Dahlia Elegance	Turner.
Sept. 27.	,, George Parker	Turner.
Sept. 6.	,, Joy	Rawlings.
Sept. 27.	,, Juno	Rawlings.
Sept. 27.	,, Lord Derby	Pope.
Sept. 13.	,, Masterpiece	Keynes.
Sept. 13.	,, Nora Creina	Turner.
Sept. 27.	,, Princess of Prussia	Turner.
July 12.	Delphinium Beauty (D. mesoleucum v. Fraseri)	Fraser.
April 9.	Epacris Vesta	Veitch.
April 23.	Erodium guttatum	Saunders.
July 26.	Fuchsia Garibaldi (now changed to Victor Emmanuel)	Banks.
July 26.	,, Negro	G. Smith.
June 28.	Gilia achilleæfolia v. alba	Carter.
Sept. 27.	Gladiolus Herr Rosenberg	Standish.
Sept. 27.	,, Mrs. Blount	Standish.

July 12.	Gloxinia Cygna	Lee.
July 12.	,, Lady Willoughby	Milne.
Oct. 11.	Hollyhock Advancer	Johnston.
July 12.	Lastrea deltoidea	Sim.
July 26.	Linaria bipartita v. splendida	Carter.
Aug. 9.	Lonicera japonica v. hybrida	Ingram.
May 10.	Maranta argyræa	Linden.
May 10.	Microlepia hirsuta v. angusta	Veitch.
July 12.	Nephrodium molle v. polydactylum	Sim.
Sept. 27.	Œnothera grandiflora	Carter.
June 28.	Pelargonium Modesty (Beck)	Turner.
April 9.	,, (forcing) floribundum	F. and A. Smith.
April 9.	,, (forcing) Snowdrop	F. and A. Smith.
July 12.	,, (zonale) Princess of Prussia	Conway.
July 26.	,, (sweet scent) Madame Csillag	Bragg.
April 23.	,, (variegated) Clara	Turner.
July 26.	,, (variegated) Meteor	Parker & Co.
April 23.	,, (zonale) Prince of Hesse	Turner.
July 12.	Petunia Eclipse	G. Smith.
Sept. 13.	Phlox Orion	Sankey.
Aug. 9.	Picotee Queen of Picotees	Keynes.
Aug. 9.	,, Favourite	Turner.
Aug. 9.	,, (fancy) Countess of Derby	Keynes.
Aug. 9.	,, (yellow) Empress of India	Bragg.
Aug. 9.	,, (yellow) Garibaldi	Bragg.
April 23.	Prenanthes arborea	Saunders.
March 26.	Primula sinensis v. filicifolia	E. G. Henderson.
March 26.	,, ,, nivea plena	Bull.
March 26.	,, ,, rubella plena	Bull.
June 14.	Rhododendron Athenia	Standish.
March 12.	,, præcox	Davies.
May 24.	,, Rosabelle	Standish.
Aug. 23.	Saponaria calabrica v. roseo-alba	Carter.
Aug. 9.	Spiræa Nobleana	Noble.
Nov. 8.	Statice profusa	Parker & Co.
April 9.	Symphytum tuberosum v. varieg. superbum	Salter.
July 26.	Tachiadenus carinatus	Veitch.
May 10.	Theophrasta argyræa	Linden.
Sept. 27.	Tropæolum Garibaldi	Garaway & Co.
July 12.	Verbena Cruor	G. Smith.
June 28.	,, Fairest of the Fair	G. Smith.
July 12.	,, Grand Eastern	J. Woods & Son.
July 26.	,, Lucy Tait	Cunningham.
Aug. 9.	,, Pink Perfection	G. Smith.
April 9.	Veronica Chamædrys v. pulcherrima	Salter.

LXXIII.—PURPLE BROMPTON STOCK.

The following interesting memorandum has been received from a skilful hybridiser:—

"Memorandum to accompany a Purple Stock.

"Having never been able to ascertain the existence of a true Purple Brompton, or large biennial single-stemmed stock, I have attempted to originate one, and I send you the result for examination. Its lineage is as follows:—A good purple branching or Queen Stock was crossed by the so-called Scarlet Brompton or Giant—the pollen from the seedling was then used to fertilise a Scarlet Brompton. The produce of this cross was again used as the male parent in a new cross with the Scarlet. The blood was now changed, and the pollen of the last-mentioned seedling was used to fertilise a red single-stemmed stock of great beauty which I procured some years ago from Mons. Vilmorin, under the name of 'Préfet de Caën.' The present plant has almost exactly the peculiar habit of the 'Préfet' saving the colour; and it is a most remarkable circumstance that through the whole of these generations the purple colour has entirely predominated, to the almost extinction of the red, and this always occurred whether the purple or the red sort was used as the seed-bearing parent.

"Certain phenomena extremely interesting to the physiologist were observed during my experiments with the Matthioli, an account of which, when more fully investigated, I shall have much pleasure in communicating to the Society.

"B. H."

The stock which accompanied this memorandum was charming.

LXXIV.—GENERAL MEETING, May 31.

An Ordinary Meeting of the Society was held on Friday, May 31st, in the Council Room at the Gardens, South Kensington, C. Wentworth Dilke, Esq., V.P., in the Chair, when the following candidates were balloted for and elected Fellows, namely:—

Ackland, The Rev. Charles Tabor, 26, Kensington Square, W.
Adams, Lieut.-Col. Edward, Royal Military Asylum, Chelsea, S.W.

Adams, Mrs. Geo. Wm., Montague House, Addison Road, W.
Adamson, Mrs., Morell Lodge, Kensington Gore, W.
Allen, Miss Louisa, 6, Petersham Terrace, Queen's Gate, W.
Allum, Edwyn, Esq., 43, Kensington Square, W.
Allsop, Henry, Esq., Hindlip Hall, Worcester.
Andrews, Samuel, Esq., 21, John Street, Adelphi, W.C.
Antrobus, Edmund Edward, Esq., 15, Kensington Palace Gardens, W.
Arney, Mrs. Col. (in place of Col. Arney, previously elected).
Ashby, The Rev. Edward Quenby, Oriental Club, Hanover Square, and Quenby Hall, Leicester.
Atkins, Thos. S., Esq., 11, Oxford Square, Hyde Park, W.
Bagot, Lady, The, Dover House, Whitehall, S.W.
Baker, William, Esq., Fenton, Staffordshire.
Balguy, Mrs., 20, Chester Square, Pimlico, S.W.
Baring, Henry, Esq., M.P., 36, Wilton Place, Belgrave Square, S.W.
Barnes, Mrs. Lewis, 100, Gloucester Terrace, Hyde Park, W.
Barrand, Mrs., 9, Clarendon Road, Kensington, W.
Barrett, Charles, Esq., Lovell House, Crawley, Sussex.
Barron, Sir Henry Winston, Bart., 44, Curzon Street, May Fair, W.
Beauchamp, Sir Thomas W. Proctor, Langley Park, Norwich.
Berners, Mrs. H. (in place of Capt. Berners, previously elected).
Bethell, Mrs. Slingsby, 2, Hyde Park Gardens, W.
Binney, Alexander Thomas, Esq., 37, Bryanstone Square, W.
Blackburn, The Hon. Mr. Justice, 10, Princes Gardens, Hyde Park, W.
Blyth, Alfred, Esq., 38, Westbourne Terrace, W.
Bonnor, George, Esq., 7, Queen's Gate, W.
Borradaile, Mrs. J. Rigmaiden, 26, Gloucester Place, Portman Square, W.
Boucicault, Dion., Esq., Hereford House, Earl's Court, Brompton, S.W.
Bowman, William, Esq., 5, Clifford Street, Bond Street, W.
Bristol, The Marquis of, F.R.S., 6, St. James's Square, S.W., and Ickworth Park, Bury St. Edmund's.
Brown, B., Esq., Sellwood Lodge, Addison Road, Kensington, W.
Brutton, William Courtenay, Esq., 25, Westbourne Park Villas, Harrow Road, W.
Buckley, Mrs. Robert Orford, 19, Cleveland Square, Hyde Park, W.
Burder, Miss, 10, Queen's Gardens, Hyde Park, W.
Burgess, Rev. Richard, D.D., 69, Cadogan Place, Sloane Street, S.W.
Burgoyne, Lady, 8, Gloucester Gardens, Hyde Park, W.
Burkinyoung, Henry, Esq., 59, Onslow Square, S.W.
Burnell, Mrs. Edward H., 32, Bedford Row, W.C.
Bush, Mrs. William, Seacroft Hall, Leeds.
Butler, Mrs. Charles, 13, Sussex Square, Hyde Park, W.
Cameron, James Allan, Esq., 67, Eccleston Square, S.W.
Campbell, Lieut.-Colonel Fitzroy, 49, Eaton Place, S.W.
Canterbury, His Grace the Archbishop of, Lambeth Palace, S.
Cap-de-Pon, Adolfe, Esq., 42, St. James's Street, S.W.
Cargill, Mrs. W. W., 4, Connaught Place West, Hyde Park, W.
Carleton, Lieut.-Col. D. W., 42, Berkeley Square, W.
Carter, R., Esq., The Grove, Epsom, Surrey.
Cartwright, Henry, Esq., 14, Manchester Square, W.
Chamberlain, Mrs. Hughes, 7, Norfolk Street, Park Lane, W.
Chaplin, Alfred, Esq., 91, Victoria Street, Westminster, S.W.
Chaplin, Horace, Esq., Stockwell, Surrey, S.
Chaplin, Mrs., 2, Hyde Park Gardens, W.
Chapple, Frederick, Esq., Huyton Hall, Prescott.

Clifton, Abel, Esq., Pelham Lodge, Old Brompton, S.W.
Cobden, George Long, Esq., 13, Leonard Place, Kensington, W.
Cohen, Samuel, Esq., 7, Chester Square, S.W.
Cole, Mrs. Henry (in place of Henry Cole, Esq., previously elected), 17, Onslow Square, S.W.
Comber, Richard, Esq., Stanley House, King's Road, Chelsea, S.W.
Clutton, Robert, Esq., Hartswood, Reigate.
Cooper, Richard, Esq., 15, Earl's Terrace, Kensington, W.
Cooper, William, Esq., 14, Brompton Crescent, S.W.
Cresswell, The Right Hon. Sir Cresswell, 21, Princes Gate, Hyde Park, W.
Cumberlege, Charles Nathaniel, Esq., 46, Hyde Park Square, W., and Hendon Hall, Hendon, Middlesex, N.W.
Curtis, Charles Berwick, Esq., 105, Eaton Square, S.W.
Darby, William, Esq., Oriental Club, Hanover Square, W.
Dare, R. W. Hall, Esq., Newtownbarry House, Wicklow, Ireland.
Delap, Rev. Robert, 21, Park Street, Grosvenor Square, W.
Dent, Hastings, Esq., 42, Thurloe Square, S.W.
Dickson, Thos. A. H., Esq., Teddington, Middlesex, S.W.
Dix, Rev. Joshua, 13, Stratford Place, Camden Square, Camden Town, N.W.
Down and Connor, The Lord Bishop of, Athenæum Club, Pall Mall, S.W.
D'Oyly, Mrs. General, 36, Eaton Square, S.W.
Du Bois, Mrs. Douglas, 22, Thurloe Square, Brompton, S.W.
Duff, Miss Catherine Elizabeth Stanley, 18, Orsett Terrace, Hyde Park, W.
Dunning, Mrs., 2, Warwick Square, Pimlico, S.W.
Dunraven, The Earl of, 5, Buckingham Gate, S.W.
Du Prè, James, Esq., 40, Portland Place, W.
Durham, Miss, 7, Leinster Gardens, Hyde Park, W.
Durham, Mrs. William (in place of W. Durham, Esq., previously elected).
Dutton, Frederick H., Esq., 45, Dover Street, Piccadilly, W.
Dutton, Hon. W. Ralph, Timsbury Manor, Romsey, Hants.
Ellis, Charles Cydwelen, Esq., 1, Walton Place, Chelsea, S.W.
Ellis, Charles C., Esq., 15, Devonshire Terrace, Kensington, W.
Elphinstone, Sir J. D. H., Bart., M.P., 45, Onslow Square, Brompton, S.W.
Elsey, John Green, Esq., 38, Avenue Road, Regent's Park, N.W.
Evelyn, Mrs. Colonel, 8, Onslow Crescent, Brompton, S.W.
Enthoven, Mrs. James H., 8, Oxford Square, Hyde Park, W.
Fairbairn, Mrs. Thomas (in place of Thos. Fairbairn, Esq., previously elected).
Fane, William Dashwood, Esq., 7, Norfolk Crescent, Hyde Park, W.
Fenwick, Henry, Esq., M.P., 14, St. James's Place, St. James's Street, S.W.
Fitzgerald, Gerald, Esq., 10, James Street, Buckingham Gate, S.W.
Fitzroy, Mrs., 38, Onslow Square, Brompton, S.W.
Forster, Henry R., Esq., 61, King William Street, E.C.
Foster, John Porter, Esq., Sussex Villa, Campden Hill, W.
Foster, William F., Esq., 16, Montagu Square, W.
Foster, William Orme, Esq., M.P., 35, Lowndes Square, S.W., and Stourton Castle, Stourbridge.
Fowler, Mrs. Alfred, 11, Queen's Gate, Hyde Park, W.
Fraser, James William, Esq., 8A, Kensington Palace Gardens, W.
Friend, John Bankes, Esq., 30, Sussex Square, Hyde Park, W.
Frost, Rev. George, M.A., 28, Kensington Square, Kensington, W.
Gardner, Lady, 46, Dover Street, Piccadilly, W.
Garnett, Frederick Brooksbank, Esq., 49, Thurloe Square, Brompton, S.W.
Gaskell, Henry Lomax, Esq., 21, Dover Street, Piccadilly, W., and Kiddington Hall, Woodstock.

Goddard, Ambrose L., Esq., M.P., Boodle's Club, St. James's Street, S.W., and The Lawn, Swindon.
Goding, Mrs. Henry, 16, Thurloe Square, Brompton, S.W.
Goolden, Joseph, Esq., 22, Leinster Gardens, W.
Green, Mrs. (in place of R. E. Green, Esq., previously elected).
Green, Edward Whitaker, Esq., 14, Henrietta Street, Cavendish Square, W.
Gutteres, Mrs. (in place of G. Gutteres, Esq., previously elected).
Hall, Capt. W. H., R.N., C.B., F.R.S., 48, Phillimore Gardens, Campden Hill, W.
Hargreaves, Miss, 53, Porchester Terrace, W.
Hawdon, Joseph, Esq., 10, Rutland Gate, Hyde Park, W.
Haynes, C., Esq., 2, Stockwell Villas, Stockwell, S.
Haywood, Danl., Esq., 27, Newington Place, Kennington Road, S.
Head, Benjn., Esq., 38, Edwardes Square, Kensington, W.
Heideman, Wm. Francis, Esq., 66, Inverness Terrace, Bayswater, W.
Henry, Thomas, Esq., 23, Hanover Square, W.
Hensley, Frederick John, M.D., 5, Spring Gardens, S.W.
Hensman, Henry, Esq., 33, Sussex Place, Kensington, W.
Hesketh, Thomas, Esq., Conservative Club, St. James's Street, S.W.
Hibbert, Miss Catherine, Leyton, Essex, N.E.
Hill, Henry, Esq., 1, Eaton Terrace, Eaton Square, S.W.
Hill, Mrs. Henry, 1, Eaton Terrace, Eaton Square, S.W.
Hill, T. D., Esq., 126, Piccadilly, W.
Hodgson, James Stuart, Esq., 16, Bolton Street, Piccadilly, W.
Hopgood, Joseph, Esq., 77, Addison Road, Kensington, W.
Houshold, Miss Catherine, 9, Michael's Grove, Brompton, S.W.
Humphery, Mrs. William, 14, Somers Place, Hyde Park, W.
Hyde, Miss Hannah, 20, Westbourne Terrace North, W.
James, John, Esq., 2, Cornwall Terrace, Regent's Park, N.W.
Janvrin, Frederick William, Esq., Chertsey, Surrey.
Jaques, Leonard, Esq., 38, Chester Terrace, Regent's Park, N.W., and Easby Abbey, Easby, Richmond, Yorkshire.
Jeffryes, James Wilson, Esq., Upton Castle, Pembrokeshire.
Johnson, Mrs., The Lodge, Thistle Grove, Brompton, S.W.
Johnson, Lieut.-Col. Hugh, 26, Queen's Gardens, Bayswater, W.
Jolliffe, Lady, 16, Stratton Street, Piccadilly, W.
Joy, Charles, Esq., 55, Parliament Street, S.W.
Kay, William, Esq., 36, Hill Street, Berkeley Square, W., and Tring Park, Herts.
Keane, Major the Hon. Hussey Fane, R.E., Horse Guards, S.W.
Kinnard, Robt. Wm., Esq., M.P., 37, Porchester Terrace, W.
Kinnoul, The Countess of, 23, Rutland Gate, W.
Kœnig, Gustavus, Esq., 18, Westbourne Place, Eaton Square, S.W.
Lammin, William Henry, Esq., Shorrolds, Fulham, S.W.
Legh, William John, Esq., M.P., 37, Lowndes Square, S.W.; and Lyme Park, Cheshire.
Legrew, Miss Caroline, 1, Ladbroke Place West, Notting Hill, W.
Levett, Theophilus John, Esq., Wichnor Park, Lichfield.
Longman, Charles, Esq., Shendish, Hemel Hempstead.
Loveday, Mrs., Brent House, Hendon, Middlesex, N.W.
Lowe, Mrs. (in place of Rt. Hon. R. Lowe, M.P., previously elected) 34, Lowndes Square, S.W.
Lucas, Charles Rose, Esq., 8, New Square, Lincoln's Inn, W.C.
Lucas, John, Esq., 18, Alexander Square, Brompton, S.W.
Lumley, Mrs., 9, Charles Street, Berkeley Square, W.

Lyne, Francis, Esq., 13, Bristol Gardens, Clifton Road, W.
Mackintosh, James, Esq., The Lodge, Totteridge, Herts.
Macleay, George, Esq., 29, Old Burlington Street, W.
Macneil, General, 35, Hyde Park Gardens, W.
Mair, Hugh, Esq., 60, Friday Street, E.C.; and Nightingales, Bucks.
Mansell, Edward, Esq., 17, Upper Phillimore Gardens, Kensington, W.
Mansell, Mrs. Edward, 17, Upper Phillimore Gardens, Kensington, W.
Manvers, The Earl, 6, Tilney Street, Park Lane, W.
Maturin, Mrs. William Henry, 55, Inverness Terrace, Bayswater, W.
Mayne, Colburn, Esq., 46, Cleveland Square, Hyde Park, W.
MacGrigor, Walter, Esq., 6, Charles Street, Berkeley Square, W.
Mead, Mrs. J., 3, Stanley Terrace, Notting Hill, W.
Michell, Major-Gen. Bruce, 11, Arlington Street, Piccadilly, W.
Mildmay, Edward St. John, Esq., 2, Wilton Crescent, Belgrave Square, S.W.
Miles, James, Esq., 130, King's Road, Chelsea, S.W.
Miller, T. J., Esq., 7, Millbank Street, S.W.; and The Elms, Upper Tooting, Surrey, S.
Moncrieffe, The Lady Louisa, 3, Princes Terrace, W.
Montrose, Her Grace the Duchess of, 40, Belgrave Square, S.W.; and Buchanan Castle, Glasgow.
Moon, Alderman Sir J. Graham, Bart., 35, Portman Square, W.
Murray, Robert, Esq., Kinnahaird, Dingwall, N.B.
Naper, James L., Esq., Loughcrew, Old Castle, Ireland.
Neal, Mrs., 8, Chester Square, Pimlico, S.W.
Nelson, Wm. Benford, Esq., Upper Richmond Road, Putney, S.W.
Nesbitt, Wm., Esq., 149, Upper Thames Street, E.C.
Newmarch, Wm., Esq., F.R.S., Globe Insurance Company, Cornhill, E.C.
Newport, The Viscount, 30, Wilton Crescent, Belgrave Square, S.W.
Norman, Mrs. Hay, 1, Cromwell Place, South Kensington, W.
Novelli, Mrs. (in place of A. H. Novelli, Esq., previously elected), 43, Russell Square, W.C.
Oliver, Mrs., 3, Orleans Villas, Twickenham, S.W.
Owen, Mrs. Philip Cunliffe, South Kensington Museum, W.
Pagliano, Charles Joseph, Esq., The Lodge, Brook Green, W.
Paravicini, James Prior de, Esq., 30, Gloucester Terrace, Hyde Park, W.
Parkin, George Lewis, Esq., 36, Sussex Gardens, Hyde Park, W.
Parkin, Mrs. George Lewis, 36, Sussex Gardens, Hyde Park, W.
Peel, The Lady Emily, 4, Whitehall Gardens, S.W.
Pinney, Col. Wm., M.P., 30, Berkeley Square, W.
Plumbe, Robert, Esq., 11, Leonard Place, Kensington, W.
Plumbe, Mrs. Robert, 11, Leonard Place, Kensington, W.
Pollock, Mrs. R. T., 7, Upper Phillimore Gardens, Kensington, W.
Pratt, Samuel, Esq., 8, Addison Road, Kensington, W.
Plestow, Miss, 20, Edward Street, Portman Square, W.
Prevost, George, Esq., Balham Hill, Surrey, S.
Price, Mrs., 21, Queen's Gate, Hyde Park, W.
Price, Mrs., 8, Princes Terrace, S.W.
Procter, John, Esq., 34, Highbury Place, N.
Pye, W., Esq., 4, The Terrace, Upper Hyde Park Gardens, W.
Ramsay, Major-Gen. James, 1, Sussex Square, Hyde Park, W.
Rapp, John, Esq., Albany, Piccadilly, W.
Ray, Edmund Barker, Esq., 15, Princes Gate, Hyde Park, W.
Reed, Fredk. George, M.D., 46, Hereford Street, May Fair, W.
Reiss, James, Esq., Manchester.
Reiss, Mrs. James, Manchester.

Rhodes, Major Godfrey, 15, Saville Row, W.
Ricardo, Osman, Esq., M.P., 71, Eaton Place, S.W.
Rich, Sir Charles, H. J., Bart., 12, Nottingham Place, Regent's Park, N.W.
Richardson, Mark, Esq., 95, Inverness Terrace, Bayswater, W.
Richardson, John, Esq., Hope Brewery, Notting Hill, W.
Richardson, Charles, Esq., Warwick House, Shepherd's Bush, W.
Robertson, Graham Moore, Esq., 21, Cleveland Square, Hyde Park, W.
Robinson, Mrs. R. Spencer, 61, Eaton Place, S.W.
Robinson, William, Esq., 17, Princes Gate, Hyde Park, W.
Rushout, Miss, 26, Onslow Square, S.W.
Ryan, Charles Lister, Esq., Garden Lodge, Kensington, W.
Safe, James William, Esq., 2, Inverness Road, Hyde Park, W.
Salmon, Mrs., 12, Westbourne Crescent, Hyde Park, W.
Sandford, Francis, Esq., 5, Gloucester Terrace, Hyde Park, W.
Sandham, Major-General H., 58, Sloane Street, S.W.
Scarlett, Major-General, The Hon. Sir James Yorke, 25, Princes Terrace, Hyde Park, S.W.
Scorer, George, Esq., 181, Piccadilly, W.
Scott, Hon. Mrs. Grantham, 79, Eaton Square, S.W.
Seaton, John Fox, Esq., 80, Watling Street, E.C.
Sedgwick, Mrs. J. B., 1, St. Andrew's Place, Regent's Park, N.W.
Senior, Mrs., 13, Hyde Park Gate, Kensington, W.
Seymour, Alfred, Esq., 39, Upper Grosvenor Street, W.
Shaen, William, Esq., 15, Upper Phillimore Gardens, Campden Hill, W.
Sheppard, Samuel Gurney, Esq., Half Moon Street, Piccadilly, W.
Shoobridge, Mrs. W. S., 82, Addison Road, Kensington, W.
Sim, Mrs. John, Nonsuch Park, Cheam, Surrey, S.
Skirrow, Charles Fletcher, Esq., 1, Bedford Row, W.C.
Slater, Alfred, Esq., Kensington Hall, North End, Fulham, W.
Slous, Frederick Lokes, Esq., 42, Gloucester Road, Regent's Park, N. W.
Smith, George Spencer, Esq., 48, Sussex Gardens, Hyde Park, W.
Smith, George, Esq., 27, Norfolk Crescent, Hyde Park, W.
Somers, Caroline, Countess, 45, Grosvenor Place, S.W.
Stern, Mrs., York House, Manchester.
Straith, Mrs. (in place of Major Straith, previously elected).
Sturch, Mrs., 24, Cumberland Terrace, Regent's Park, N.W.
Talfourd, Field, Esq., 104, Sloane Street, S.W.
Tegg, Mrs. Jane, 2, Wilton Terrace, Campden Hill, Kensington, W.
Thackeray, Miss A. T., 36, Onslow Square, S.W.
Thomas, Charles Smith, Esq., 33, Norfolk Square, Hyde Park, W.
Thomson, Mrs. J. R., 26, Sussex Square, Hyde Park, W.
Tiarks, Mrs., 37, Gloucester Terrace, Hyde Park, W.
Till, Richard, Esq., Clapham Common, S.
Tomlinson, Miss, 3, Richmond Terrace, Whitehall, S.W.
Trevelyan, Sir Charles, 8, Grosvenor Crescent, Belgrave Square, S.W.
Trevor, Hon. Eleanor Rice, 19, Princes Gardens, W.
Trevor, Hon. Selina Rice, 19, Princes Gardens, W.
Tyrie, Mrs., 11, Kensington Gardens Terrace, Hyde Park, W.
Vallance, Mrs., 35, Cavendish Square, W.
Verschoyle, Robert, Esq., 116, Eaton Square, S.W.
Vesci, The Viscountess de, 4, Carlton Terrace, S.W.
Vickers, Mrs. Joseph, Park Place Villas, Maida Hill West, W.
Vickers, Miss Elizabeth, Park Place Villas, Maida Hill West, W.
Vignolles, Charles, Esq., F.R.S., 21, Duke Street, Westminster, S.W.
Vile, Miss Marian, 75, Oxford Terrace, Hyde Park, W.

Vivian, Mrs., 11, Upper Grosvenor Street, W.
Wallace, Sir Wm., 33, St. James's Street, S.W.
Watson, Mrs. Harrison, 13, Gloucester Square, Hyde Park, W.
Webster, Henry B., Esq. (in place of Lady Webster, previously elected), Granard Lodge, Roehampton.
Whitby, Captain Edward, 19, Sussex Gardens, Hyde Park, W.
White, Major H. P., 9, Lansdown Square, Brighton.
Wilde, George, Esq., Cheam House, Cheam, Surrey, S.
Willoughby, Hon. Alberic Drummond, 142, Piccadilly, W.; and Caen Lodge, Twickenham, S.W.
Wilson, Miss S. M., 8, Lower Grove, Brompton, S.W.
Witt, Mrs. George, 22, Princes Terrace, Princes Gate, S.W.
Wodsworth, Rev. G., Oxford and Cambridge Club, Pall Mall, S.W.
Wood, Joseph Carter, Esq., Marden Park, Godstone, Surrey.
Woodbridge, James, Esq., 29, Thurlow Square, S.W.
Woodgate, Miss Julia Maria, 30, Princes Square, Hyde Park, W.
Woods, Henry, Esq., M.P., 21, Hyde Park Gardens, W.
Woolbert, Frederick, Esq., 36, Bedford Row, W.C.
Yates, Richard, S., Esq., St. Ann's Square, Manchester.
Young, Mrs. Mary, 5, St. James's Street, S.W.
Ysasi, Gregorio di, Esq., Club Chambers, Regent Street, S.W

LXXV.—GENERAL MEETING, June 4.

An Ordinary Meeting of the Society was held on Tuesday, June 4, in the Council Room, at the Gardens, South Kensington, the Right Hon. the Earl of Ducie, V.P., in the Chair, when the following candidates were balloted for and elected Fellows, namely:—

Adeane, Henry, Esq., M.P., 8, Seamore Place, May Fair, W.
Antrobus, Hugh Lindsay, Esq., 40, Lowndes Street, Belgrave Square, S.W.
Arnold, Augustus Walter, Esq., 59, Harley Street, W.
Balfour, John, Esq., 46, Belgrave Square, S.W.
Barker, Francis C., Esq., 14, Fitzroy Square, W.
Bates, Mrs. Thomas, 16, Kensington Gate, Hyde Park, W.
Behens, Thomas Lawrence, Esq., 26, Charles Street, St. James's, S.W.
Belcher, Sir Edward, 7, Norland Square, Notting Hill, W.
Belcher, Miss C., 55, St. George's Road, Pimlico, S.W.
Bingley, Charles Bentley, Esq., Greenford, Hanwell, W.
Blakely, Capt., 34, Montpelier Square, Rutland Gate, S.W.
Borthwick, Col., Wm., 3, Upper Lansdown Terrace, Notting Hill, W.; and Clinthead, Langhorne, Dumfrieshire.
Boucicault, George Darley, Esq., 1, Lower Gore, Kensington, W.
Boucher, John Estcourt, Esq., India Office, Victoria Street, S.W.
Brackenbury, Evelyn, Esq., 9, Pelham Crescent, Brompton, S.W.
Bridge, G. J., Esq., Wood House, Shepherd's Bush, W.
Bridge, Capt. G. J., Wood House, Shepherd's Bush, W.
Bevan, Francis Augustus, Esq., 31, Princes Gate, W.
Cardwell, Right Hon., Edward, M.P., 14, Eaton Square, S.W.
Chapman, Mrs. D. Ward, 55, Princes Gate, W.

Chappell, Thomas, Esq., 14, George Street, Hanover Square, W.
Chesterfield, The Countess of, 3, Grosvenor Square, W.
Chippendale, John, Esq., 16, Upper Phillimore Place, Kensington, W.
Chippendale, Mrs., 16, Upper Phillimore Place, Kensington, W.
Colby, John, Esq., Fynone, Newcastle Cmlyn, Carmarthen.
Cole, Charles, A., Esq., Kew Cottage, Kew, W.
Corcoran, Mrs., Grove House, Hammersmith, W.
Cowie, Thomas S., Esq., 24, George Street, Hanover Square, W.
Cremer, W. H., Esq., 27, New Bond Street, W.
Dalhousie, The Earl of, K.T., G.C.B., Brechin Castle, Brechin, Scotland.
Ellis, C. A., Esq., 3, Montague Place, Russell Square, W.C.
Evans, Frederick, John, Esq., Claypond, Brentford, Middlesex, W.
Farnham, Anna, Baroness, Farnham, Cavan, Ireland.
Fenwick, Wm., Esq., 1, Eglinton Villas, Greville Road, St. John's Wood, N.W.
Festing, E. R., Esq., R.E., 19A, Queen's Square, Westminster, S.W.
Flahault, The Countess de, 106, Piccadilly, W.
Fleming, Miss, Bartram Park, Hampstead, N.W.
Forster, Mrs. John, 46, Montague Square, W.
Fraser, Finlay, Esq., 82, Bishopsgate Street Within, E.C.
Gibson, Mrs. John Boydell, 4, Cornwall Terrace, Regent's Park, N.W.; and East Court, Woking.
Goode, Thomas, Esq., 19, South Audley Street, Grosvenor Square, W.
Haden, Mrs. Seymour, 62, Sloane Street, S.W.
Haffenden, Dolton A., Esq., 7, Bath Place, Kensington, W.
Haines, George, Esq., Wilton House, Eaton Square, S.W.
Haines, John, Esq., 11, High Street, Kensington, W.
Haines, Mrs. John, 11, High Street, Kensington, W.
Harborow, Mrs. John, Vine Cottage, Barnes Common, Surrey, S.W.
Hardwren, John, Esq., 3, Montague Place, Russell Square, W.C.
Harrison, Thomas Elliot, Esq., 45, Westbourne Terrace, Hyde Park, W.
Haworth, Frederick, Esq., 9, Eccleston Street, S.W.
Hills, Edward Henry, Esq., Tudor Lodge, Richmond, S.W.
Johns, Capt. Jasper Wilson, 46, Cumberland Street, Hyde Park, W.
Johnston, Miss Frederica, 21, Great Cumberland Street, Hyde Park, W.
Laing, Robert, Esq., Twickenham, Middlesex, S.W.
Lampson, Henry, Esq., Rowfant, Crawley, Sussex.
Learmonth, Col., 36, Lowndes Square, S.W.
Loder, Mrs., 1, Clarendon Place, Hyde Park Gardens, W.
McClean, J. R., Esq., 2, Park Street, Westminster, S.W.
M'Garel, Charles, Esq., 2, Belgrave Square, S.W.
Macnaghten, Edward, Esq., 48, Chester Square, S.W.
Macartney, George, Esq., Carlton Club, Pall Mall, S.W.
Millais, J. Everett, Esq., 130, Piccadilly, W.
Moss, T. Edwards, Esq., Roby Hall, Prescot.
Mount Charles, The Earl of, 60, Rutland Gate, Hyde Park, W.
Musgrove, Sir John, Bart., 32, Russell Square, W.C.
Nicholson, Col., R.E., 26, Suffolk Street, Pall Mall, S.W.
Nicholson, Mrs. M., 1, Boltons, West Brompton, S.W.
Nicoll, Mrs. Donald, Oaklands, West End, Kilburn, N.W.
Nix, John Hemmings, Esq., The Park, Worth.
Ogle, J. Richard, Esq., 5, Paper Buildings, Temple, E.C.
Oliver, Mrs., 3, Orleans Villas, Twickenham, S.W.
Oswald, Alexander, Esq., Hampden House, Green Street, Grosvenor Square, W.
Pamphilon, Mrs., 18, South Street, Thurloe Square, S.W.

Philp, Francis Richard, M.D., Colby House, Kensington, W.
Price, Mrs. Edwin Plumer, 3, Thurloe Square, Brompton, S.W.
Rigby, Charles, Esq., Upper Hyde Park Gardens, Bayswater, W.
Roe, John Erasmus, Esq., 4, Regent Street, S.W.
Rothschild, The Baroness M. de, 107, Piccadilly, W.
St. Leger, Anthony Butler, Esq., 10, Berkeley Square, W.
Sandeman, George G., Jun., Esq., 15, Hyde Park Gardens, W.
Sandeman, Capt. John G., 15, Hyde Park Gardens, W.
Scott, John, Esq., 14, Pall Mall East, S.W.
Scott, William Ranken, Esq., 133, Westbourne Terrace, Hyde Park, W.
Shaen, Mrs. William, 15, Upper Phillimore Gardens, Campden Hill, W.
Sherson, The Lady Anne, 23, Thurloe Square, S.W.
Sills, Mrs. William, 31, Alfred Place West, Thurloe Square, S.W.
Sutton, Mrs. Robert, 27, Queen Anne Street, Cavendish Square, W.
Simpson, Mrs., 26, Cleveland Square, W.
Skinner, Charles Binney, Esq., 57, Eccleston Square, S.W., and Came House, Dorchester.
Solomon, Mrs. Leon, Dawlish, Devon.
Stacpoole, Mrs., 92, Ebury Street, S.W.
Sterling, Edw. Coningham, Esq., 6, Wilton Street, Grosvenor Place, S.W.
Stonor, Hon. Francis, 35a, Hertford Street, May Fair, W.
Stuart de Rothsay, The Lady, 45, Grosvenor Place, S.W.
Sturgis, Mrs. Russell, 5, Upper Portland Place, W.
Sutton, John Henry Manners, Esq., 70, Eaton Square, S.W. ; and Kelham Hall, Newark.
Swinden, Miss, 13, Gloucester Terrace, Kensington Gate, W.
Thornhill, W. C., Esq., Rushton Hall, Kettering.
Treeby, J. Wright, Esq., 121, Westbourne Terrace, Hyde Park, W.
Tulloch, James Stewart, M.D., 1, Pembridge Place, Bayswater, W.
Tunno, Miss, 12, Chesham Place, Belgrave Square, S.W.
Vane, The Earl, 7, Princes Gate, S.W.
Waterford, The Marchioness of, 48, Berkeley Square, W.
Wheatley, M. J., Esq., R.E., 11, James Street, Buckingham Gate, S.W.
Wilkinson, Henry, Esq., 23, Leinster Square, Bayswater, W.
Wilson, David, Esq., Castleton House, Wimbledon Park, S.
Wilson, Miss Jane, 2, Upper Eccleston Street, Belgrave Square, S.W.
Yates, James, Esq., 89, Inverness Terrace, Bayswater, W.
Young, Thomas, Esq., 14, Eaton Square, S.W.

LXXVI.—OPENING OF THE GARDENS AT SOUTH KENSINGTON, June 5, 1861.

The New Garden was opened on Wednesday, the 5th of June. Early in the morning Her Most Gracious Majesty, in strictest privacy, accompanied by the Prince Consort and the King of the Belgians, honoured the grounds with her presence, inspecting the collections of flowers and fruit at that time in progress of arrangement. At a later hour Her Majesty the Queen of the French and H.R.H. the Duc de Nemours were

also admitted to a private view. By one o'clock the interior arrangements had been completed, and the gates were thrown open to an eager throng, not however without having been preceded by a thunderstorm which broke over the Garden shortly after the QUEEN's departure.

At this time the appearance of the Garden was most interesting. The open ground scarcely retained a trace of the deluge by which it had been visited, a satisfactory proof of the permeability of the gravel walks and their quickness in drying. The great Conservatory glowed with the brilliant colours of Azaleas, Orchids, Roses, and other distinguished members of the floral nation, relieved by superb groups of Ferns—wonderfully beautiful things—and all manner of parti-coloured or gracefully fashioned exotics, among which were exquisite specimens of the goldsmith's art in the form of vases, statuettes, and racing cups, contributed by Messrs. HANCOCK. Beneath the long colonnades, in endless profusion, extending many hundred feet on either side, were ranged superb masses of Pelargoniums and innumerable groups of other ornamental plants. Towards one end of the colonnade that leads to the entrance, fruit, the admiration of the spectator and the pride of the gardener, was piled in skilfully arranged confusion—in which disorder there was none. On the other side of the Garden, under the corresponding colonnade, stood an extraordinary and very brilliant assemblage of flowers and fruit prepared for table decoration.

Soon after the company had begun to arrive, military bands made their appearance at their allotted stations; the weather, although gloomy, seemed to be settling, and fear of rain having subsided the grounds rapidly filled. At four o'clock the main doors of the entrance hall were closed to the public; the gentlemen intended to take part in the formal ceremony of opening the Garden, collected in their groups; their Royal Highnesses the PRINCESS MARY and the DUKE OF CAMBRIDGE arrived; and punctually at half-past four H.R.H. the PRINCE CONSORT with all the junior members of the Royal family, the COUNT OF FLANDERS, PRINCE LOUIS OF HESSE, and their respective suites, entered the hall. Immediately afterwards a procession moved into the Garden in the following order, along a line kept by four companies of the 1st Middlesex Volunteer Engineers, a fine well-disciplined body of men.

Foremen of Gardeners.

Mr. William Dennis, Mr. John Gubbins,
Mr. William White, Mr. Jesse Eyles, Mr. Arthur Blick.

Foremen of Works.

Mr. Wilkinson, Mr. Bone (Bricklayers), Mr. Cross, Mr. Forbes (Masons), Mr. Muspratt (Carpenter), Mr. Lindsley (Iron), Mr. Rodford (Plasterer), Mr. John Clark (Navigator).

Mr. C. F. Harrison, *General Superintendent.*

Clerks of the Works, Draftsmen, &c.

Mr. Scott, Mr. Townsend, Mr. Grover,
Mr. Snell, Mr. Liddell, Mr. Wakeford, Mr. Godfrey Sykes,
Mr. Taylor.

Contractors.

Mr. Blanchard, Messrs. Forrest & Sons, Messrs. Minton,
Messrs. Easton & Amos, Mr. Weeks, Messrs. Austin & Seeley.

Assistant-Secretary.
Mr. Andrew Murray, F.L.S.

Superintendent of Garden.
Mr. Eyles.

Auditors.

Mr. Jonathan Clark, Mr. Edward Rosher, Mr. George Paul.

Members of the Floral Committee.

Mr. Thomas Moore, F.L.S., *Secretary.*

Mr. William Barnes, Mr. Donald Beaton, Mr. W. B. Booth, Dr. Bushell, Mr. John Cook, Mr. J. Cutbush, the Rev. H. H. Dombrain, Mr. John Fraser, Mr. Richard Headley, Mr. A. Henderson, Mr. W. Holmes, the Rev. S. R. Hole, Mr. James Ivery, Mr. J. Keynes, Mr. F. R. Kinghorn, Mr. Charles Lee, Mr. M. T. Masters, Mr. Robert Parker, Mr. A. Parsons, Mr. William Paul, Mr. John Salter, Dr. Sankey, Mr. George Smith, Mr. J. Standish, Mr. Charles Turner, Mr. Harry J. Veitch, Mr. R. Warner,
Mr. James Bateman, *Vice-Chairman.* The Rev. Joshua Dix, *Vice-Chairman.*

Members of the Fruit Committee.

Mr. Robert Hogg, LL.D., *Secretary.*

Mr. H. Bailey, Mr. H. G. Bohn, Mr. M. Busby, Mr. G. Charlwood, Mr. D. Cunningham, Mr. F. Dancer, Mr. J. B. Haig, Mr. W. Hill, Mr. T. Ingram, Mr. J. Jessop, Mr. S. Mart, Mr. H. Meyers, Mr. W. Myatt, Mr. John Newton, Mr. Joseph Newton, Mr. W. J. Nutting, Mr. Robert Osborn, Mr. John Peel, Mr. Alexander Scrutton, Mr. J. Spencer, Mr. C. W. Strickland,
Mr. Thomas Taylor, Mr. G. Tillyard, Mr. Robert Thompson, Mr. J. B. Whiting,
Mr. F. J. Graham, *Vice-Chairman.* Mr. Thomas Rivers, *Vice-Chairman.*

Members of the Implement Committee.

Sir Joseph Paxton, M.P.; Mr. Edward Easton, Mr. B. T. Brandreth Gibbs, Colonel Challoner.

Members of the Works Committee, &c.

Mr. John Kelk.
Mr. Sidney Smirke, R.A.; Mr. W. A. Nesfield, Mr. H. A. Hunt,
Mr. Henry Cole, C.B.; Capt. Fowke, R.E.; Mr. R. Redgrave, R.A.

Members of the Fine Arts Committee.

Mr. Richard Westmacott, R.A., Sir Coutts Lindsay, Bart.
Lord Llanover, Earl Somers, Earl Gifford.

Her Majesty's Commissioners for the Exhibition of 1851.

Mr. E. A. Bowring, *Secretary,*
Mr. H. Thring, Mr. Leonard Horner, P.G.S., Mr. T. Field Gibson,
Mr. T. Fairbairn, Mr. Cobden, M.P., Mr. Bidder, P.I.C.E., Mr. Bazley, M.P.,
Mr. T. Baring, M.P., Sir R. I. Murchison, Sir C. Lyell, Sir C. L. Eastlake, P.R.A.,
Sir S. Morton Peto, M.P. Bart., Sir Alexander Spearman, Bart.,
the Rt. Hon. Robert Lowe, M.P., the Rt. Hon. W. E. Gladstone, M.P.,
The Rt. Hon. T. Milner Gibson, M.P., the Rt. Hon. B. Disraeli, M.P.,
the Rt. Hon. W. F. Cowper, M.P., the Rt. Hon. Sir G. C. Lewis, M.P.,
Lord Taunton, Lord Overstone,
Viscount Palmerston, K.G., M.P., the Earl of Derby, K.G.,
the Marquis of Chandos, The Duke of Buccleuch, K.G., Earl Granville, K.G.

Council of the Royal Horticultural Society.

Mr. John Lee, Mr. Edmonds, Mr. Wrench, Mr. James Veitch,
Mr. S. H. Godson, Mr. Henry T. Hope, Mr. John Clutton, Mr. J. F. Pownall,
Mr. Wilson Saunders, *Hon. Treasurer*, Dr. Lindley, *Hon. Secretary.*

Vice-Presidents of the Royal Horticultural Society.

Mr. J. J. Blandy, Mr. C. Wentworth Dilke, the Earl Ducie, the Lord
Bishop of Winchester.

H.R.H. the Prince Consort, the President of the Society.
H.R.H. the Prince of Wales.
H.R.H. the Princess Alice.
H R.H. the Princess Helena.
H.R.H. the Princess Louisa.
H.R.H. the Prince Arthur.
H.R.H. the Duchess of Cambridge.
H.R.H. the Princess Mary.
H.R.H. the Duke of Cambridge.
H.R.H. the Count de Flandres.
H.R.H. Prince Louis of Hesse.

Suite.

Police.

Upon the procession's entering the Garden the Band of the Volunteer Engineers, on the appearance of His Royal Highness on the landing at the top of the steps leading to the Garden, played one verse of "God Save the Queen," the Royal

party pausing on the landing during the time. The same Band then played the Coburg March until the Royal party passed into the Second Garden, when the Band on the West Terrace took up the March, and the procession moved on up the centre avenue to the middle of the Conservatory. Here the procession halted in a space kept clear by police; the Royal party ascended the steps, and Dr. LINDLEY, the Secretary of the Society, read the following address:—

May it please your Royal Highness.

SIR,

We, the Council of the Royal Horticultural Society, venture to congratulate your Royal Highness upon the important stage at which we have now arrived in the progress of an undertaking originating with your Royal Highness, and in which you have continued to take so active an interest, an undertaking for the establishment at the West End of this Metropolis of a noble garden, by the aid of which, and of the Society's Gardens at Chiswick, not only the art of Horticulture may be effectually promoted, but an additional means of enjoyment and recreation may be afforded to the dense population of London.

We deeply lament that recent domestic affliction should have deprived us of the honour, for which we had been encouraged to hope, of the presence of our gracious Queen at this inaugural ceremony. But whilst we deeply feel the want of that presence which would have added the greatest lustre to the day's proceedings, we are sensible of the many marks of Royal favour which we have already received, and trust that these Gardens may, when completed, prove not altogether unattractive to Her Majesty.

Horticulture, Sir, is the parent of agriculture. It determines on a small scale the value of the principles on which an extended cultivation of the soil depends. It is associated with our food, our wealth, and many of our social enjoyments. Your Council believe that this Society has already contributed largely to the establishment of the sound principles on which cultivation is founded. In the course of the last half century the Society has unremittingly used its influence and its means to enlarge the skill of the gardener and the taste of the community. It has had the good fortune to see, during that long period, many ornamental plants and every race of fruits and esculents undergo great im-

provement; and it is not too much to assert that its labours have raised English gardeners to the highest rank.

Founded in the year 1804, and incorporated in 1809, by command of His Majesty George the Third, the Society, after languishing for some years, sprang into active existence as soon as the termination of the long war once more left men leisure to cultivate the arts of peace. At that time Horticulture had ceased for many years in every part of Europe to make sensible progress. All that remained was an unintelligent routine. Up to the year 1816 the number of Fellows who joined the Society annually rarely exceeded 20. From that period, however, the elections rapidly increased; so that in 1821 they amounted to 328. In 1822 the garden at Chiswick had been formed, and the power of the Society to do good began to be felt even in the remote possessions of the Crown. Collectors of seeds and plants for the Horticultural Society were heard of in the United States and Canada, in India, on the banks of the Zambezee, and in the distant regions of the Hudson's Bay Company. The result of these operations was the introduction into England of by far the larger part of the highly-prized occupants of modern gardens.

In 1827 was held the first of those Fêtes, or more properly, exhibitions of Horticultural produce, which for so many years were among the most attractive events of a London season. At first these meetings were attended with little success; there now, indeed, remains in the Chiswick Garden the small iron tent, under which a few cultivators ventured in those days to display their scanty stores. But liberal rewards produced competition; gardeners soon saw that to be the gainer of a prize at Chiswick was to stand at the head of their class; knowledge was sought for, and improved methods of cultivation were gradually discovered.

The changing habits of society, the competition of other similar exhibitions in London itself, the power of locomotion to more distant places of recreation by railway, combined with the, at all times, uncertain nature of our climate, had in late years materially diminished that attendance of visitors upon which the income of the Society, and consequently its power of encouraging Horticulture, depended. It was under these circumstances that an opportunity of forming a Garden in the immediate vicinity of the Metropolis was sought.

Her Majesty's Commissioners for the Exhibition of 1851

of whom your Royal Highness is also the President, having purchased out of the surplus funds of that undertaking an estate at Kensington Gore, it was felt that this locality offered unrivalled facilities for the establishment of a new Garden, and successful negotiations with the Commissioners enabled the Council, with your Royal Highness's sanction, to lay in July, 1859, the plans before the general meeting of Fellows, which received their unanimous approval.

An agreement has since been concluded by us with Her Majesty's Commissioners for leasing a space of 22½ acres upon a rent, the amount of which is contingent upon the income of the Society; part of the conditions being, that the Society should expend on the Garden a sum of not less than 50,000*l.*, Her Majesty's Commissioners binding themselves to enclose it with arcades of an ornamental character, costing at least an equal sum. Her Majesty has been graciously pleased to grant the Society a new Charter of Incorporation, under the name of the Royal Horticultural Society. Our works have not arrived at the state of completion which we had hoped to have attained by this time. Taking into consideration, however, the long continued wet of last summer, the unusual severity of the subsequent winter, and the disturbance in the building trade caused by the unfortunate strike of this spring, we cannot but congratulate ourselves upon what has already been achieved.

The necessity of pressing forward the works will prevent the Garden being as immediately accessible to the public as is hereafter proposed. But the Council felt that the admission of the Fellows and their friends, who have so zealously come forward in support of the undertaking, ought not to be longer delayed. They therefore resolved to hold Exhibitions of Flowers and Fruit in the months of June, July, September, and November of the present year; to admit Fellows and their friends daily; and to allow a certain number of the public to visit the Garden on Saturdays. It is expected that before the ensuing spring all the essential parts of the Garden will be completed. When that time shall have arrived the public will be in possession of a place of resort in which not only may be displayed in the most advantageous way all that horticultural skill can accomplish, but whatever may most conduce to the improvement of public taste in sculpture and its sister arts.

Since the period when your Royal Highness condescended, as President of the Society, to take an active part in its proceedings,

it has enjoyed uninterrupted prosperity. At least 1500 new Members have joined it; so much confidence has been placed in the measures of your Council as to have produced by the issue of debentures the sum of 50,000*l.* required to meet the Society's engagements with Her Majesty's Commissioners; and the Garden in which we are now assembled, itself, Sir, in many respects the offspring of your own intelligence, has sprung into existence. When the trees shall afford a grateful shade, and the water-works in progress shall have been completed, the scene cannot fail to be one of great interest and beauty. Even now the noble arcades, which are three-quarters of a mile in length, will afford an agreeable and sheltered promenade in all weather, and the beautiful conservatory before us will be enjoyable in even the severest season.

Nor can we look upon the various works around us without acknowledging how much we owe to the different gentlemen, who have contributed so much genius and skill as well as valuable time to their design and execution.

In the name of the Society we have the honour to represent, we therefore desire to express to your Royal Highness our earnest hope and confident belief that the formation of this Garden will show that it is not unworthy of the exalted patronage it has received from Her Most Gracious Majesty and your Royal Highness.

To this His Royal Highness was pleased to make the following reply:—

"I thank you for the address which you have just presented to me.

"While you have expressed your deep regret at being deprived, on this occasion, of the presence of the Queen, I am enabled and empowered to assure you, that Her Majesty, on her part, also sincerely regrets her inability to mark by her presence the interest she takes in your proceedings, and her desire for your success.

"You have addressed me in my double capacity of President of Your Society, and also of the Royal Commissioners of 1851. In either of these capacities, I cannot but be gratified by the scene now before me.

"Having shared, to some extent, in your labours and anxieties, I am happy to be able to congratulate you on what has been

effected in so incredibly short a time, notwithstanding the difficulties to which you have alluded, and which appeared at times almost to forbid hope of success.

"That which, last year, was still a vague conception, is, to-day, a reality: and, I trust, will be accepted as a valuable attempt, at least, to re-unite the science and art of gardening to the sister Arts of Architecture, Sculpture, and Painting.

"This union existed in the best periods of Art, when the same feeling pervaded and the same principles regulated them all; and if the misuse and misapplication of these principles in later times have forced again upon us the simple study and imitation of nature, individual arts have suffered by their disjunction, and the time seems now arrived when they may once more combine, without the danger of being cramped by pedantic and arbitrary rules of taste.

"The Commissioners of 1851, whose mission it is to encourage the arts and sciences, as applied to productive industry, gladly welcome your Society as one of the first of those bodies, devoted to the promotion of special branches of these arts and sciences, that has availed itself of the enlarged means of development offered by the Commissioners on their estate. They are glad to find in your present success, and in the generous support of the public, the confirmation of their belief that in securing space on which, in unison with each other, and with a systematic interchange of mutual assistance, separate societies and departments might attain to a degree of usefulness which their present confinement and isolation must materially lessen, the Commissioners had correctly appreciated the great want of the day and the requirements of the public, for whose benefit alone they should work, and by whose assistance alone they can hope to prosper.

"We already see, to the south, rising, as it were, by magic, the commencement of a noble work entirely the result of the voluntary efforts of that public; and this Garden, itself the offspring of the Great Exhibition of 1851, will hardly be completed ere that Exhibition shall have been rivalled, and, I trust, even surpassed, by the beauty and success of that which we hope next year to witness.

"This Garden will then open an additional source of enjoyment to the thousands who may be expected to crowd the new Crystal Palace of Industry. Nay, we may hope that it will, at no distant day, form the inner court of a vast quadrangle of public buildings, rendered easily accessible by the broad roads

which will surround them;—buildings where science and art may find space for development, with that air and light which are elsewhere well nigh banished from this overgrown metropolis.

"If the works before us are still incomplete, this must not be attributed entirely to the short space of time allowed for their execution, or to the exhaustion of the funds set apart for them. It results also, in great measure, from a well-considered purpose on the part of the Society and the Commissioners,—rather to present the public with a framework, to be gradually filled up, as individual taste, controlled and harmonised by the general superintendence of the authorities, might direct, than at once to display a complete creation, which, however attractive for the moment, would pall upon us and grow stale by habit.

"Unrivalled opportunities are here offered for the display of works of art, and for the erection of monuments as tributes to great men and public benefactors. The Memorial of the Exhibition of 1851, the result of private subscriptions, will be the first received in these grounds, and, adorned with a statue of the QUEEN, will soon rise in the centre of the Garden.

"May your efforts meet with public approbation. May that approbation give you all the support required, not only further to ornament these Gardens, but also to carry out, even on a larger scale than during the last 48 years, the useful objects for which you are incorporated."

Immediately afterwards, the BISHOP OF LONDON, who was attended by the ARCHDEACON OF MIDDLESEX and his Chaplain, offered up the following prayers:—

Collect for the day.

O God, the strength of all them that put their trust in Thee, mercifully accept our prayers, and because, through the weakness of our mortal nature, we can do no good thing without Thee, grant us the help of Thy grace that in keeping of Thy commandments we may please Thee, both in will and deed; through Jesus Christ our Lord. Amen.

Prevent us, O Lord, in all our doings with Thy most gracious favour, and further us with Thy continual help; that in all our works begun, continued, and ended in Thee, we may glorify Thy holy name, and finally by Thy mercy obtain everlasting life; through Jesus Christ our Lord. Amen.

O Lord, show Thy mercy upon us.
And grant us Thy salvation.
O Lord, save the Queen.
And mercifully hear us when we call upon Thee.
Endue Thy ministers with righteousness.
And make Thy chosen people joyful.
O Lord, save Thy people.
And bless Thine inheritance.
Give peace in our time, O Lord.
Because there is none other that fighteth for us, but only Thou, O God.
O God, make clean our hearts within us.
And take not Thy Holy Spirit from us.

O Lord, our heavenly Father, who, when Thou madest man at the first, didst place him in the Garden of Eden, his home in the days of his innocency, look down upon us, who, in the midst of our sin and misery, would recal the thought of that pure and happy estate, from which we have long since fallen. We thank Thee, O Lord, for the relics of Eden, which Thou hast still left to us. We thank Thee that the weariness of our earthly pilgrimage is cheered by sights and sounds and odours, faint images of a beauty not of this earth. We thank Thee for the seeing eye, and the hearing ear, and all the enjoyments of sense and feeling. Teach us, O Lord, so to use all the relaxation Thou hast provided for us in the midst of our business and our sorrows, that, by the Holy Spirit's help, we may be growing fit to enter into the beautiful abode which Thou hast prepared for Thy redeemed, where sorrow is unknown, and the only business is to glorify Thee. O Lord, purify our hearts by the enjoyment of needful rest, and kindly Christian intercourse, and the soothing contemplation of all the charms which Thou hast given to nature and to art. Teach us to rise from the sight of present, and the memory of past pure enjoyments, to bright hopes of the restoration of all things in our Lord and Saviour Jesus Christ. Grant, Lord, that this city, in which we dwell, may be purified from the sins which deform it, and their many pollutions. Guide us each to take his part in helping those around us to live Christian lives, that thus we, and all whom we can influence, may be waiting and longing for that holy city, the new Jerusalem, where is the pure river of the water of life, and the tree of life, whose leaves are for the healing of the nations; where there shall be no more curse, but

the throne of God and of the Lamb shall be in it, and Thy servants shall see Thy face, and shall reign with Thee for ever and ever through Jesus Christ our Lord. Amen.

Our Father which art in Heaven, hallowed be Thy name. Thy kingdom come. Thy will be done in earth as it is in Heaven. Give us this day our daily bread. And forgive us our trespasses, as we forgive them that trespass against us. And lead us not into temptation; but deliver us from evil, for thine is the kingdom, the power, and the glory, for ever and ever. Amen.

The peace of God, which passeth all understanding, keep your hearts and minds in the knowledge and love of God, and of his son Jesus Christ our Lord; and the blessing of God Almighty, the Father, the Son, and the Holy Ghost, be amongst you and remain with you always. Amen.

The PRINCE CONSORT then stepped forward, and in a loud voice DECLARED THE GARDEN TO BE OPENED, amidst the cheers of the surrounding spectators.

The procession next proceeded to a point near the north-east corner of the Arcades, where a tree was to be planted by the PRINCE CONSORT in commemoration of the occasion. A very fine *Wellingtonia*, the gift of Messrs. VEITCH, had been selected for the purpose. In the presence of the Council and other members of the procession, HIS ROYAL HIGHNESS, having received a spade from a bystander, threw some shovelfuls of earth over the roots for himself and the Princesses his daughters. The Princes acted for themselves, not the least skilful among them being PRINCE ARTHUR, who handled the spade with a vigour that showed him to have used well the experience gained in his own little garden at Osborne. Not less activity was displayed by their Royal Highnesses the PRINCESS MARY and the DUKE OF CAMBRIDGE, who performed his work in a manner worthy of a stout engineer. Those who had the good fortune to witness this charming little scene will not soon forget it.

The tree planted, the Royal party made the tour of the Exhibition tables, paused for a moment to taste the ices offered them by MR. MICHELL, purveyor of refreshments, and thence proceeded to the exhibition of Table Decorations. These having been inspected with great attention, the Royal party again reached the Entrance Hall, and quitted the Garden, every member of the Royal family having previously inscribed their names

on some illuminated pages prepared for the purpose by ladies of the Brompton Female School of Design: the PRINCE OF WALES on one page; the PRINCESSES ALICE, HELENA, and LOUISA, and PRINCE ARTHUR, on another; the DUCHESS OF CAMBRIDGE, PRINCESS MARY, and the DUKE on a third. A fourth page for the PRINCE OF HESSE and COUNT OF FLANDERS, prepared by Mrs. WITHERS, was signed by their Royal Highnesses afterwards.

LXXVII.—AWARDS OF THE JUDGES AT THE FIRST GRAND EXHIBITION OF FLOWERS AND FRUIT, ON JUNE 5 AND 6, 1861.

The Exhibition of Flowers and Fruit was by universal consent admitted to be the finest that had probably ever been witnessed.

The following were the Awards of the Judges:—

FLOWERS.

CLASS 1. 15 STOVE AND GREENHOUSE PLANTS. (*Open.*)—1st Prize, W. May, gardener to J. Spode, Esq., Rugeley, 20*l.* 2nd Prize, B. Peed, gardener to J. Tredwell, Esq., Lower Norwood, 15*l.*

CLASS 2. 12 STOVE AND GREENHOUSE PLANTS. (*Nurserymen.*) — 1st Prize, J. & J. Fraser, Lea Bridge Road, 12*l.* 2nd Prize, W. Cutbush, Jun., Barnet, 9*l.*; 3rd Prize, O. Rhodes, Sydenham, 6*l.*

CLASS 3. 9 STOVE AND GREENHOUSE PLANTS. (*Amateurs.*)—1st Prize, H. Chilman, gardener to Mrs. Smith, Ashtead, 10*l.* 2nd Prize, J. Green, gardener to Sir E. Antrobus, Lower Cheam, 8*l.* 3rd Prize, J. Baxindine, gardener to W. H. Smallpiece, Esq., Guildford, 6*l.* 4th Prize, W. Kaile, gardener to Earl of Lovelace, Ripley, 4*l.*

CLASS 4. 6 STOVE AND GREENHOUSE PLANTS. (*Amateurs.*)—1st Prize, T. Page, gardener to W. Leaf, Esq., Streatham, 6*l.* 2nd Prize, J. Tegg, gardener to Baron Hambro', Roehampton, 5*l.*

CLASS 5. 12 FINE FOLIAGED AND VARIEGATED PLANTS. (*Nurserymen.*)—1st Prize, J. Veitch & Son, Exeter and Chelsea, 10*l.* 2nd Prize, B. S. Williams, Holloway, 7*l.* 3rd Prize, T. Jackson & Son, Kingston, 5*l.* 4th Prize, J. & C. Lee, Hammersmith, 3*l.*

CLASS 6. 10 FINE FOLIAGED AND VARIEGATED PLANTS. (*Amateurs.*)—1st Prize, H. Hamilton, gardener to T. Butt, Esq., Cheltenham, 10*l.* 2nd Prize, A. H. Gunner, gardener to W. F. Woolley, Esq., Kensington, 7*l.* 3rd Prize, C. Hutt, gardener to Miss Burdett Coutts, Highgate, 5*l.* 4th Prize, G. Young, gardener to W. H. Stone, Esq., Dulwich, 3*l.* Extra Prize, G. Nicholson, Bushey Grove, Watford, 2*l.*

CLASS 7. 6 DRACÆNAS AND CORDYLINES. (*Open.*)—1st Prize, J. Veitch, & Son, Exeter and Chelsea, 3*l.* 2nd Prize, J. & C. Lee, Hammersmith, 2*l.* 3rd Prize, W. Bull, Chelsea, 1*l.* 4th Prize, G. Young, gardener to W. H. Stone, Esq., Dulwich, 10*s.*

CLASS 8. 20 ORCHIDS. (*Amateurs.*)—1st Prize, Mr. Stone, Tottenham, 20*l.* 2nd Prize, B. Peed, gardener to T. Tredwell, Esq., Lower Norwood, 15*l.*

CLASS 9. 16 ORCHIDS. (*Nurserymen.*)—1st Prize, J. Veitch & Son, Exeter and Chelsea, 15*l.* 2nd Prize, S. Woolley, Cheshunt, 10*l.* Special Prize, C. Rhodes, Sydenham, 3*l.* 10*s.*

Class 10. 10 Orchids. (*Amateurs.*)—1st Prize, G. Baker, gardener to A. Bassett, Esq., Stampford Hill, 10*l.* 2nd Prize, F. Lovell, gardener to H. E. Gurney, Esq., Nutfield, 7*l.* 3rd Prize, C. Penny, gardener to H. H. Gibbs, Esq., Regent's Park, 5*l.* 4th Prize, E. M'Morland, gardener to J. Spode, Esq., Hampstead, 3*l.*

Class 11. Orchids. Single Specimens. (*Open.*)—1st Prize, R. Warner, Broomfield, 3*l.* 2nd Prize, B. S. Williams, Holloway, 2*l.* 3rd Prize, J. H. Hedge, Ipswich, 1*l.*

Class 12. 9 Greenhouse Azaleas. (*Amateurs.*)—1st Prize, T. Page, gardener to W. Leaf, Esq., Streatham, 12*l.* 2nd Prize, S. M. Carson, gardener to J. C. Sim, Esq., Cheam, 10*l.* 3rd Prize, J. Green, gardener to Sir E. Antrobus, Bart., Lower Cheam, 7*l.* 4th Prize, B. Peed, gardener to T. Tredwell, Esq., Lower Norwood, 5*l.*

Class 13. 9 Greenhouse Azaleas. (*Nurserymen.*) — 1st Prize, C. Turner, Slough, 9*l.* 2nd Prize, J. & J. Fraser, Lea Bridge Road, 7*l.*

Class 14. 6 Greenhouse Azaleas. (*Amateurs.*)—1st Prize, W. May, gardener to J. Spode, Esq., Rugeley, 6*l.*

Class 15. 9 Greenhouse Azaleas. New Kinds. (*Open.*)—1st Prize, C. Turner, Royal Nursery, Slough, 6*l.* 2nd Prize, Ivery & Son, Nurserymen, Dorking, 4*l.*

Class 16. 6 Rhododendrons. Distinct. (*Open.*)—1st Prize, C. Noble, Sunningdale, Bagshot, 5*l.* 2nd Prize, J. Standish, Bagshot, Surrey, 4*l.*

Class 17. Rhododendrons. Sikkhim or Bhotan. (*Open.*)—1st Prize, A. Henderson & Co., Edgware Road, 4*l.*

Class 18. 15 Roses in Pots. Distinct. (*Open*).—1st Prize, Messrs H. Lane & Son, Great Berkhampstead, Herts, 15*l.* 2nd Prize, Mr. Wm. Paul, Waltham Cross, 10*l.* 3rd Prize, Mr. Edwd. Francis, Hertford, 7*l.*

Class 19. 10 Roses in Pots. Distinct. (*Amateurs.*)—1st Prize, Mr. Thomas Terry, gardener to C. W. Giles Puller, Esq., Youngsbury, 10*l.* 2nd Prize, Mr. Alex. Rowland, F.R.H.S., Lewisham, Kent, 7*l.*

Class 20. 12 New Roses in pots, 2 of kind admitted.. (*Open.*)—1st Prize, Messrs. Paul & Son, Cheshunt, 5*l.* 2nd Prize, W. Paul, Cheshunt, 4*l.*

Class 21. 6 Tall Cacti. (*Open*).—1st Prize, J. Green, Cheam, 5*l.* 2nd Prize, W. Young, Highgate, 4*l.*

Class 22. 6 Cape Heaths. (*Open*).—1st Prize, B. Peed, gardener to T. Tredwell, Esq., Lower Norwood, 5*l.* 2nd Prize, T. Jackson & Son, Kingston, 4*l.* 3rd Prize, Wm. May, gardener to J. Spode, Esq., Rugeley, 3*l.* 4th Prize, R. Baxindine, gardener to W. H. Smallpiece, Esq., Guildford, 2*l.* Extra Prize, T. Page, gardener to W. Leaf, Esq., Streatham, 1*l.* 10*s.*

Class 23. 9 Pelargoniums. Distinct. (*Amateurs.*)—1st Prize, W. Nye, gardener to E. Foster, Esq., Clewer, 8*l.* 2nd Prize, T. Bailey, gardener to T. T. Drake, Esq., Amersham, 6*l.* 3rd Prize, J. Shrimpton, gardener to A. F. Doxat, Putney Heath, 4*l.* 4th Prize, J. Weir, gardener to Mrs. Hodgson, Hampstead, 2*l.*

Class 24. 12 Pelargoniums. Distinct. (*Nurserymen.*)—1st Prize, C. Turner, Royal Nurseries, Slough, 8*l.* 2nd Prize, Dobson & Sons, Isleworth, 6*l.* 3rd Prize, J. & J. Fraser, Lea Bridge Road, 4*l.* 4th Prize, T. Windsor, Hampstead, 2*l.* Extra Prize, Thomas Gaines, Battersea, 1*l.*

Class 25. 6 Fancy Pelargoniums. Distinct. (*Amateurs.*)—1st Prize, T. Bailey, gardener to T. T. Drake, Esq., Amersham, 5*l.* 2nd Prize, J. Weir, gardener to Mrs. Hodgson, Hampstead, 4*l.* 3rd Prize, J. James, gardener to F. W. Watson, Esq., Isleworth, 3*l.*

Class 26. 9 Fancy Pelargoniums. Distinct. (*Nurserymen.*)—1st Prize, C. Turner, Royal Nurseries, Slough, 5*l.* 2nd Prize, J. & J. Fraser, Lea Bridge Road, 4*l.* 3rd Prize, Dobson & Sons, Isleworth, 3*l.* 4th Prize, T. Windsor, Hampstead, 1*l.* 10*s.*

CLASS 27. 9 SPOTTED PELARGONIUMS. DISTINCT. (*Open.*)—1st Prize, C. Turner, Royal Nurseries, Slough, 5*l.*

CLASS 28. 9 VARIEGATED BEGONIAS. DISTINCT. (*Open.*)—1st Prize, J. Veitch & Son, Exeter and Chelsea, 5*l.* 2nd Prize, W. Lakeman, Hendon, 4*l.* 3rd Prize, A. Henderson & Co., Edgeware Road, 3*l.* 4th Prize, B. S. Williams, Holloway, 1*l.* 10*s.*

CLASS 29. 6 TREE FERNS. DUPLICATES ADMITTED. (*Open.*) — 1st Prize, J. Veitch & Son, Exeter and Chelsea, 5*l.* 2nd Prize, C. Hutt, gardener to Miss Burdett Coutts, Highgate, 4*l.* 3rd Prize, J. Standish, Bagshot, 3*l.*

CLASS 30. 12 EXOTIC FERNS. (*Amateurs.*)—1st Prize, Mr. Stone, High Cross, Tottenham, 6*l.* 2nd Prize, R. Baillie, gardener to W. C. Carbonell, Esq., Harrow Road, 5*l.* 3rd Prize, H. Lavey, gardener to E. A. De Grave, Esq., Fetcham, Surrey, 4*l.* 4th Prize, S. M. Carson, gardener to J. C. Sim, Esq., Cheam, 2*l.*

CLASS 31. 12 EXOTIC FERNS. (*Nurserymen.*)—1st Prize, B. S. Williams, Holloway, 5*l.* 2nd Prize, J. Veitch & Sons, Exeter and Chelsea, 4*l.* 3rd Prize, R. Sim, Foot's Cray, 2*l.* 4th Prize, Milne & Co., Wandsworth Road, 1*l.*

CLASS 32. 6 *Anœctochili* AND VARIEGATED-LEAVED ORCHIDS. (*Open*).—1st Prize, J. Veitch & Sons, Exeter and Chelsea, 3*l.*

CLASS 33. 3 TUBEROUS *Tropæolums,* TRAINED. DISTINCT. (*Open.*)—No competition.

CLASS 34. NEW OR EXTREMELY RARE PLANTS IN FLOWER.—1st Prize, R. Warner (Lœlia grandis, S.K.). 2nd Prize : J. Pilbeam (Dendrobium, Sp. S.B.) ; J. Veitch & Son (Stereogaster concinna, S.B) ; M. Linden, Brussels (Campylobotrys pyrophylla, S.B.). 3rd Prize : E. & G. Henderson (Convolvulus Mauritanicus, M.) ; J. Veitch & Son (Mimulus cupreus, and Calceolaria bellidifolia, M.).

CLASS 35. HARDY ORNAMENTAL PLANTS.—1st Prize : J. Standish (Scyadopytis verticillata, S.K.) ; J. Veitch & Son (Sytocedrus tetragonus, S.K.). 2nd Prize : J. Standish (Retinospora obtusa, S.B., Thuiopsis dolobrata (variegata) S.B.); J. Veitch & Son (Acer polymorphum (atro-purpureum) S.B.). 3rd Prize, J. Veitch & Son (Thuia pygmea, M. ; Cryptomeria, Sp., Japan, M.) ; J. Jackson & Son (Juniperus drupacea, M.) ; J. Standish (Retinospora obtusa (variegata) M., Podocarpus variegatus, M., Aucuba Japonica, masc. et fœm., M., Bambusa variegata, M.) ; J. Veitch & Son (Picea, Sp., Vancouver's Island, M.).

CLASS 36. WARDIAN CASES FILLED WITH PLANTS.—1st Prize, J. Veitch & Son, Exeter and Chelsea, 5*l.* ; 2nd Prize, J. Standish, Bagshot, 3*l.* ; 3rd Prize, R. Baillie, gardener to W. C. Carbonell, Esq., Harrow Road, 2*l.*

CLASS 37. MISCELLANEOUS. FOR PLANTS NOT SPECIALLY NAMED.—1st Prize : J. Veitch & Son, Exeter and Chelsea (group of new plants), 2*l.* 10*s.* ; Carl Pfersdorff, Kensall New Town (collection of Cacti), 2*l.* 10*s.* 2nd Prize : John Standish, Bagshot (7 new Ferns), 2*l.* ; Wm. Paul, Waltham Cross (collection of cut Roses), 2*l.* ; H. Lavey, gardener to E. A. De Grove, Esq., Fetcham, (collection of British Ferns), 2*l.* ; J. Standish, Bagshot, (collection of Variegated Plants from Japan), 2*l.* ; J. Veitch & Son, Exeter and Chelsea, (collection of Plants), 2*l.* ; M. Linden, Brussels, (Adiantum Feei), 2*l.* ; M. Linden, Brussels, (Asplenium myriophyllum), 2*l.* ; M. Linden, Brussels, (Asplenium flabellifolium), 2*l.* ; M. Linden, Brussels, (Echites argyræa) 2*l.* 3rd Prize : M. Linden, Brussels, (Dichorisandra albo-marginata), 1*l.* 10*s.* ; B. S. Williams, Holloway, (collection of Variegated Plants), 1*l.* 10*s.* ; R. Baillie, gardener to W. C. Carbonell, Esq., Harrow Road, (collection of British Ferns), 1*l.* 10*s.* 4th Prize : Jas. Burley, Simpsfield (6 Calceolarias), 1*l.* ; C. Turner, Slough, (collection of cut Verbenas), 1*l.* Extra Prize : John Standish, Bagshot (Todea pellucida), 15*s.* ; Paul & Son,

Cheshunt, (collection of cut Roses), 15*s.*; Dobson & Son, Isleworth, (collection of Seedling Calceolarias), 15*s.*; Ivery & Son, Dorking, (collection of Hardy Ferns), 15*s.*; C. Leach, Clapham, (Disa grandiflora), 15*s.*; B. S. Williams, Holloway, (Amaryllis) 15*s.*; T. Baines, Bowden, Cheshire (Saracenia flava), 10*s.*

CERTIFICATES.

FIRST-CLASS CERTIFICATES: PELARGONIUMS.—W. B, Beck, Isleworth (Butterfly, Victor, Sylph, Peeress, Canopus); Chas. Turner, Slough (Timon, John Leech, Madame Patti, Undine, Earl of Spring); J. Dobson & Son, Isleworth (Vivid).

SECOND-CLASS CERTIFICATE: PELARGONIUMS.—Chas. Turner, Slough (The Moon).

FRUIT.

CLASS A. COLLECTION OF FRUIT. 9 DISHES OF 6 DISTINCT KINDS.—1st Prize, T. Ingram, Royal Gardens, Windsor, 6*l.*; 2nd Prize, A. Henderson, gardener to the Duke of Sutherland, Trentham, 5*l.*

CLASS B. PINE APPLE. THE BEST QUEEN.—1st Prize, T. Bailey, gardener to T. T. Drake, Esq., Amersham, 3*l.* 2nd Prize, T. Young, gardener to C. Bailey, Esq., Aberdare, 2*l.* 3rd Prize, R. Ruffett, Brocket Hall, Herts, 1*l.*

CLASS C. PINE APPLE. THE BEST CAYENNE.—1st Prize, T. Page, gardener to W. Leaf, Esq., Streatham, 3*l.* 2nd Prize, T. Ingram, Royal Gardens, Frogmore, 2*l.* 3rd Prize, C. F. Harrison, Oatlands Palace Gardens, Weybridge, 1*l.*

CLASS D. PINE APPLE. ANY VARIETY, NOT QUEEN OR CAYENNE.—1st Prize, T. Young, gardener to C. Bailey, Esq., Aberdare, 3*l.* 2nd Prize, R. Ruffett, Brocket Hall, Herts., 2*l.* 3rd Prize, T. Bailey, gardener to T. T. Drake, Esq., Amersham, 1*l.*

CLASS E. GRAPES. SINGLE DISH.—1st Prize, W. Hill, gardener to R. Sneyd, Esq., Keele Hall, Staffordshire, 3*l.* 2nd Prize, C. Little, gardener to A. Darley, Esq., Slough, 2*l.*; J. Fleming, gardener to the Duke of Sutherland, Clevedon, 2*l.* 3rd Prize J. Drewitt, gardener to Mrs. Cubitt, Dorking, 1*l.*; G. G. Wortley, gardener to Hon. P. Carey, Norwood, 1*l.*; M. Henderson, Cole Orton Hall, Ashby-de-la-Zouch, 1*l.* Extra Prize, H. Payne, gardener to J. Beadel, Esq., Chelmsford, 10*s.*; G. Tillyard, gardener to John Kelk, Esq., Great Stanmore, 10*s.*; T. Frost, gardener to E. L. Betts, Esq., Aylesford, 10*s.*

CLASS F. GRAPES, WHITE MUSCAT. SINGLE DISH.—1st Prize, H. Baker, Leicester, 3*l.* 2nd Prize, R. Ruffett, Brocket Hall, Herts., 2*l.* 3rd Prize, J. Standish, Bagshot, 1*l.* 4th Prize, R. Turnbull, Blenheim Palace Gardens, Woodstock, 10*s.*

CLASS G. GRAPES, WHITE (NOT MUSCAT). SINGLE DISH.—1st Prize, W. Hill, Keele Hall, Staffordshire, 3*l.* 2nd Prize, J. Allport, gardener to H. Ackroyd, Esq., Nantwich, 2*l.* 3rd Prize, F. W. Durrant, gardener to Hon. Col. Duncombe, St. Neot's, 1*l.*; H. Baker, Leicester, 1*l.* Extra Prize, T. Bailey, gardener to T. T. Drake, Esq., Amersham, 10*s.*

CLASS H. PEACHES. SINGLE DISH.—1st Prize, A. Henderson, gardener to the Duke of Sutherland, Trentham, 3*l.* 2nd Prize, A. Sanders, gardener to Sir H. Meux, Theobalds, 2*l.*; J. Fleming, gardener to the Duke of Sutherland, Clevedon, 2*l.* 3rd Prize, C. Little, gardener to A. Darley, Esq., Slough, 1*l.*; F. W. Durrant, gardener to Hon. Col. Duncombe, St. Neots, 1*l.* Extra Prize. J. Peacock, Stockwood, Luton, 5*s.*; J. Cross, gardener to Lord Ashburton, Alresford, 5*s.*

CLASS I. NECTARINES. SINGLE DISH.—1st Prize, M. Rochford, Tottenham, 3*l.* 2nd Prize, J. Peacock, Luton, 2*l.*; A. Henderson, gardener to the Duke of Sutherland, Trentham, 2*l.* 3rd Prize, W. Hill, gardener to

R. Sneyd, Esq., Keele Hall, Staffordshire, 1*l.*; S. Evans, gardener to C. N. Newdegate, Esq., M.P., Nuneaton, 1*l.* Extra Prize, J. Oates, Stoneleigh Abbey, 5*s.*; C. Little, gardener to A. Darley, Esq., Slough, 5*s.*; T. Rawbone, Stone, Staffordshire, 5*s.*

CLASS J. FIGS. SINGLE DISH.—1st Prize, J. Cross, gardener to Lord Ashburton, Alresford, 2*l.* 2nd Prize, S. Snow, gardener to Countess Cowper, Silsoe, Beds, 1*l.* 3rd Prize, R. Ruffett, Brocket Hall, Herts, 10*s.*

CLASS K. CHERRIES. SINGLE DISH.—1st Prize, A. Henderson, gardener to the Duke of Sutherland, Trentham, 2*l.* 2nd Prize, S. Evans, gardener to C. N. Newdegate, Esq., M.P., Nuneaton, 1*l.* 3rd Prize, T. Jackson & Son, Kingston, 10*s.*

CLASS L. STRAWBERRIES. 3 DISHES, DISTINCT.—1st Prize, R. Smith, Richmond Road, Twickenham, 3*l.* 2nd Prize, R. Turnbull, Palace Gardens, Blenheim, 2*l.* 3rd Prize, F. W. Park, Grove Hall, Notts, 1*l.* Extra Prize, A. Ingram, gardener to J. J. Blandy, Esq., Reading, 5*s.*

CLASS M. STRAWBERRIES. SINGLE DISH.—1st Prize, R. Smith, Richmond Road, Twickenham, 1*l.* 10*s.* 2nd Prize, T. Ingram, Royal Gardens, Frogmore, 1*l.* 3rd Prize, F. W. Park, Grove Hall, Notts, 10*s.*

CLASS N. STRAWBERRIES IN POTS. 6 PLANTS.—1st Prize, R. Smith, Richmond Road, Twickenham, 2*l.* 2nd Prize, W. Kaile, gardener to Earl of Lovelace, Ripley, 1*l.* 3rd Prize, F. W. Park, gardener to G. Harcourt Vernon, Esq., Grove Hall, Notts, 10*s.* Extra Prize, T. Reid, gardener to T. N. Farquhar, Esq., Sydenham, 5*s.*

CLASS O. MELONS. GREEN-FLESHED.—1st Prize, J. Meredith, Garston, near Liverpool, 2*l.* 2nd Prize, T. Frost, Preston Hall, Kent, 1*l.* 3rd Prize, Rev. T. Phillpot, Porthgwidden, Truro, 10*s.* Extra Prize, A. Sanders, gardener to Sir H. Meux, Theobalds, 5*s.*; W. McLellan, gardener to S. W. Cater, Esq., Barnet, 5*s.*

CLASS P. MELONS. SCARLET-FLESHED.—1st Prize, T. Frost, Preston Hall, Kent, 2*l.* 2nd Prize, T. Kempster, Barford, Warwickshire, 1*l.* 3rd Prize, J. Meredith, Garston, near Liverpool, 10*s.*

CLASS Q. VINES IN POTS. 4 PLANTS.—1st Prize, A. Sanders, gardener to Sir H. Meux, Theobalds, 4*l.* 2nd Prize, G. Masters, gardener to Earl of Macclesfield, Tetsworth, 3*l.* 3rd Prize, J. Standish, Bagshot, 2*l.*; C. Hutt, gardener to Miss Burdett Coutts, Highgate, 2*l.*

CLASS R. MISCELLANEOUS.—Prize, J. Standish, Bagshot (Grapes), 1*l.* 10*s.*; J. Standish, Bagshot (Ingram's prolific Grape), 1*l.*; J. Luscombe, Esq., Kingsbridge, (Oranges and Lemon), 1*l.*; T. Lunt, Greenock (Apricots), 1*l.*; H. Payne, Chelmsford (Black Hambro' Grapes), 1*l.*; J. Henderson, gardener to the Duke of Sutherland, Trentham (Trentham Black Hambro' Grapes), 1*l.*; W. Kaile, Ripley (Citronelle Grapes), 10*s.*; R. Crawshay, Merthyr Tydvil (Bananas), 10*s.*

SPECIAL PRIZES OFFERED BY C. W. DILKE, Esq., V.P.R.H.S.

1st Prize, T. C. Marsh, Esq., Lord Chamberlain's Office, 10*l.** 2nd Prize, Lady Rokeby, Montague House, 5*l.* 3rd Prize, Lady Caroline Kerrison, 140, Piccadilly, 3*l.* 4th Prize, Messrs. Elkington & Mason, 21 and 22, Regent Street, 2*l.* Lady Troubridge, 8, Princes Gate, highly commended; Lady Emily Peel, 4, Whitehall Gardens, highly commended; Mrs. Inwood Jones, highly commended; and Mrs. C. Pritchard, Clapham, highly commended.†

* The grouping in this case was according to Mr. Marsh's design; but the flowers and fruits were arranged by Miss Marsh, aided by Mr. Henry Pickering.

† The fruit and flower vases to which this Commendation was awarded were sent in without any name, and consequently the exhibitor could not be named in the list of awards published in the newspapers. It has since been ascertained that they were composed by Mrs. C. Pritchard.

ERRATUM IN PRECEDING LIST.

CLASS 35, p. 610. For J. VEITCH & SON (Acer polymorphum atro-purpureum S.B.), read ARTHUR HENDERSON, & Co., a large plant, and J. VEITCH & SON, a smaller plant, of Acer, &c., ut supra.

LXXVIII.—REPORTS OF THE FLORAL COMMITTEE.

(*Continued from* p. 580.)

June 11, 1861.—*The* REV. JOSHUA DIX, F.R.H.S., *in the Chair.*

THERE was on this occasion produced a very interesting and valuable collection of plants, sent from Japan by Mr. R. FORTUNE. These were exhibited by Mr. STANDISH, F.R.H.S., to whose care they had been confided; and though only a few days removed from on board ship, they were in the most perfect health. With reference to the hardiness of these plants, Mr. STANDISH stated that the *Sciadopitys verticillata*, all the *Retinosporas*, *Thujopsis dolabrata*, and the different forms of *Osmanthus*, were natives of the hills near Yeddo, and consequently would be remarkably hardy; as a proof of which he mentioned that Mr. BARRON had the *Thujopsis* standing in the open ground last winter, without the slightest injury from frost, though the serious amount of destruction amongst evergreen shrubs and trees, caused by the past winter, around Derby and Nottingham, and indeed almost everywhere in the midland counties, is well known. This collection of Mr. FORTUNE'S Japanese Plants had been already exhibited at the *Fête* on the 5th instant, and the more important of them had on that occasion received awards. These latter, which were now necessarily passed over as having been already judged by the Society, consisted of the following, namely:—

Sciadopitys verticillata: one of the finest Conifers of Japan, or, after the Deodar, of all Asia. Mr. STANDISH exhibited two nice bushy young plants in perfect health, a foot high, showing the aspect presented by the long linear blunt-ended foliage, and also its peculiar whorled arrangement. Some of the older leaves on these young specimens measured 3 inches in length. This had received a Silver Knightian Medal at the exhibition on June 5th.

Retinospora obtusa: a fine evergreen tree of the *Arbor-vitæ* race, forming, according to Siebold, a straight bole 60 to 80 feet high. Of this, a nice little bushy specimen was shown. It had

flat flabellate dark green spray, which from the small size of its scale-like foliage had a good deal of general resemblance to some of the smaller circinate species of *Selaginella*. There were both green-leaved and variegated-leaved forms, the latter being blotched with white; and of these the green-leaved or typical form had received a Silver Banksian Medal, and the variegated-leaved form (*R. obtusa variegata*) a Certificate of Merit.

Thujopsis dolabrata variegata: this was a fine variegated variety of *Thujopsis dolabrata*, apparently of a lax and spreading habit, the branches flattened and glaucous beneath, very much resembling those of some of the free-growing kinds of *Selaginella*. This variety differed from the ordinary form in having its twigs freely blotched with white, producing a pretty and well-marked variegation. It had obtained a Silver Banksian Medal at the exhibition already alluded to.

Aucuba japonica: of this species, which is familiar in English gardens in the variegated state, there was included in this fine collection the original or green-leaved state, both male and female plants; the latter bore orange-coloured oblong-ovate berries, about the size of the pomes of the large-fruited species of *Cratægus*. It had previously obtained a Certificate of Merit.

Retinospora lycopodioides: under this provisional name was included, on June 5th, in the miscellaneous portion of the group, a rather pretty-looking plant (others of which, shown by Mr. VEITCH as *Cryptomeria sp.*, had received a Certificate of Merit). It is apparently a plant of spreading growth, with the branches terete and leafy all round: distinguishable, therefore, from the *Retinospora* and *Thujopsis*, already mentioned, by a feature analogous to the difference which exists between the true species of *Lycopodium* and those now referred to *Selaginella*. The leaves of this plant are small obtuse green scales, which produce a kind of papillate appearance on the branches.

Bambusa variegata: a pretty tufted striped-leaved Grass, apparently dwarf, and perhaps useful in formal gardens. This had already received a Certificate of Merit.

Podocarpus variegatus: a dense-growing little bushy shrub, thickly clothed with short broad ovate shining leaves, variously striped with white. It was a neat-looking plant, and had received a Certificate of Merit on June 5th.

There were, however, besides these, already rewarded, many other good-looking plants in this Japanese group, about which more information and experience as to their hardiness is required.

Some of them were nevertheless on this occasion thought worthy of reward, even as indoor plants, on account of their elegantly-marked foliage :—

Eurya sp. : this was distinguished as a "broad-leaved Eurya ;" it has moderate-sized elegantly-acuminated Camellia-like foliage, broadly margined, and more or less blotched inwards with white, and the young foliage comes out stained with a fiery-orange-colour, which gives the plant a bright and showy character. It received a FIRST-CLASS CERTIFICATE.

Osmanthus aquifolius variegatus nanus : a nice-looking Oleaceous shrub, with neat flat Holly-like sharply-toothed or sinuately-spinose leaves, margined and marbled with creamy-white. The leaves were small, and the plant of dwarf twiggy growth. It was awarded a FIRST-CLASS CERTIFICATE. There was in the collection an *Osmanthus aquifolius variegatus* of larger growth, and with larger and broader leaves, scarcely less effective ; and also, the typical green-leaved form of the species.

Illicium variegatum : a neat-looking plant, probably referrible to *I. anisatum.* It had grey-marbled leaves, slightly edged with white, and was COMMENDED as a pretty variegated shrub.

Podocarpus microphyllus variegatus : this had the leaves linear-lanceolate, and sparingly striped.

Euonymus variegatus : something like *E. japonicus,* but with smaller leaves, having a broad central yellowish blotch.

Buxus obcordata variegata : a very pretty little variegated Box-tree, with remarkably short obtuse, sometimes retuse or obcordate, leaves, of about half an inch in diameter.

Elæagnus japonicus variegatus : had the leaves neatly edged with cream-colour.

Camellia sp. : with small Sasanqua-like variegated foliage.

Thea viridis variegata : the Tea-plant, with variegated leaves.

Raphis flabellata variegata : of this well-known elegant dwarf Palm, the present form had the leaves striped more or less with white.

Gardenia radicans fol. variegatis : a beautiful little greenhouse shrub, with long narrow leaves edged with white, and bearing the well-known fragrant flowers of this species. The plant had been previously exhibited before the Committee by Messrs. VEITCH & SON (see p. 240).

Daphne variegata : with the leaves narrowly edged with white. It was distinct from the plants already in cultivation, but was not sufficiently developed.

Taxus longifolia: a provisional name for a long linear-leaved shrub or tree, which, if hardy, will prove a very handsome plant. The plant was, however, quite small.

Retinospora argentea: another provisional name for a plant with densely glaucous or silvery spray, which colour was especially marked on the lower surface. The plant was not enough developed to show its true character.

The remaining subjects exhibited on this occasion were as follows:—

Rose Beauty of Waltham Cross:—from Mr. W. PAUL, F.R.H.S., Waltham Cross. This was a fine English hybrid perpetual variety, a seedling from *Jules Margottin*, and was raised from seed sown in 1859. It had first bloomed in the summer and autumn of last year, and was now exhibited for the first time. The plant was stated to bloom abundantly in the autumn, and to have lived uninjured in the open air during the past winter. It was evidently of vigorous habit, producing good foliage, and the flowers were moderate-sized, nicely cupped, and of a rosy-crimson colour. It was awarded a FIRST-CLASS CERTIFICATE.

Rose "Aurora":—from Mr. B. R. CANT, Colchester. Under this name Mr. CANT exhibited a finely-formed full-petaled Tea-scented Rose, with flowers of a rich cream-colour, tinged with buff in the centre. It had, he stated, been grown by him as *Aurora* for the last twelve years. The variety, however, appeared to be quite distinct from and very much superior to that commonly known as *Aurora*, and was probably some old kind generally lost, or now little known; but it was not identified with any of the varieties of the present day, though in some points it was stated to bear a close resemblance to *Madame William*. The Committee was of opinion that it was a variety well meriting to be redistributed among cultivators of Roses, as Mr. CANT proposed. The beautiful blooms exhibited were cut from a plant growing against a south wall.

Pelargonium, Lady Churston (*Topping*): — from Messrs. VEITCH & SON, Exeter and Chelsea. This was a spotted variety, with remarkably rich fiery orange-scarlet flowers, clouded with rich velvety black on the upper, and spotted on the lower petals. It was COMMENDED as a showy variety for decorative purposes.

Fuchsias:—from Messrs. VEITCH & SON: **Elegans alba**, a strong grower, with rosy-scarlet tube and sepals, and a remarkably long tube-like white corolla. **Elegans alba plena**, a variety

of free, elegant habit with long spreading bright-red sepals, and a double white corolla, marked with red streaks at the base. Though an elegant variety, it was not thought superior to other double-flowered varieties with white corollas already in cultivation.

Verbena Fireball:—from Mr. ECKFORD. This was apparently a fine-habited variety, and bore good trusses of bright scarlet flowers.

Pelargonium (*zonale*):—from Mr. STEVENSON, gardener at Lambton Castle. This was an unnamed seedling, of which cut blooms only were shown. It was in the way of *Paul Labbé*, and was not thought equal to that variety; the truss was, however, good.

Nemophila discoidalis marginata alba:—from Mr. MELVILLE, gardener at Dalmeny Park. In this variety the black centre of the flowers was broadly and distinctly edged with white, forming a pretty contrast; but the flowers were, as in the parent, rather too small in size to be effective.

Tropæolums:—from Mr. MELVILLE: **Perfection**, a deep crimson showy variety; **Splendens**, a paler bright orange-crimson. They were both stated to be short-jointed moderate growers, fit either for a bed when pegged down, or for training to a rafter. The former variety had richly-coloured flowers, but no opinion as to the usefulness of the varieties could be formed from cut blooms.

Pelargoniums:—from Mr. BERRY, gardener to T. J. AGAR ROBARTS, Esq., Lanhydrock, Bodmin. These were cut blooms of several unnamed seedlings of 1860, all of them very inferior to the kinds now usually grown.

Gloxinias.—A collection of these plants was sent from the Garden for the decoration of the Council room.

June 25th.—JOHN JACKSON BLANDY, Esq., V.P.R.H.S., *in the Chair.*

In addition to collections of **Achimenes, Begonias, and Pelargoniums** sent from the Garden for the decoration of the Council room, the following subjects were brought under examination:—

Dracæna ferrea variegata:—from the Garden of the Society. This had, at first sight, the appearance of *D. terminalis*, being, like it, variegated with a bright rosy red; but differed in having broader and stiffer leaves, in fact resembling *D. ferrea* in all but the rich colouring of its foliage. It was presented to the Garden

by Messrs. LEE, of Hammersmith, by whom it appears to have been brought into notice. The Committee thought its merits as an ornamental plant should be marked by the award of a FIRST-CLASS CERTIFICATE.

Rhodanthe maculata (*Drummond*): from Mr. W. THOMPSON, Ipswich. This had the general character of the well-known *R. Manglesii*, but differed from that plant in being of more vigorous habit, in having its amplexicaul leaves more ovate in outline, and in having considerably larger flower-heads, which are of a deep rose colour, the ray-florets darker-coloured at the base next the yellow disk. The flowers are half-pendent, as in the common sort. It is a native of North-West Australia, whence Mr. THOMPSON had received the seeds during the past spring. This was awarded a FIRST-CLASS CERTIFICATE.

Rhodanthe maculata alba:—from Mr. W. THOMPSON. This was a sport, selected from amongst the plants of *R. maculata*, and probably not a wild variety, as Mr. THOMPSON's correspondent made no mention of it. It had the same habit and foliage as the preceding, differing only in having pale green instead of purplish stems, but the flowers were entirely of a silvery white, which gave it a very pretty appearance in contrast with other sorts. This, which was in a less vigorous state than the foregoing, and may be deserving of a higher award under more favourable conditions, was COMMENDED.

Rhodanthe atrosanguinea (*Drummond*): — from Mr. W. THOMPSON. A very distinct plant, with a general or family resemblance to *R. Manglesii*; but in this the plants become more freely branched from the base, and the leaves, which are oblong, appear to be of a more elongated figure than in that species. The flower-heads were smaller and somewhat less expanded, as shown on the dull day of the meeting, deep rose, with a dark bronzy-coloured disk, which gives them a distinct character. The plant is altogether dwarfer and more slender than *R. maculata*. This is a native of limestone-rocks near Champion Bay, West Australia.

Coleus Verschaffeltii:—from Mr. W. BULL, F.R.H.S, Chelsea. This is a plant of the same free habit as *C. Blumei* already in cultivation. It had large cordate deeply and coarsely-toothed leaves, having a yellow-green ground-colour, but nearly covered with a blotch or stain of rich reddish-brown, and, in a vigorous state, very ornamental in character. It was COMMENDED as a fine variegated plant.

Cupania Pindaiba:—from Mr. W. Bull. A young example of a Brazilian shrub, evidently an elegant-foliaged stove plant, the leaves as shown being gracefully pinnate, about a foot long, and furnished with numerous leaflets. This was Commended as an ornamental plant for conservatories.

Cobæa scandens variegata:—from Mr. W. Bull. This differed from the common form only in the leaves being irregularly margined with yellow. It was considered desirable as a variegated climber, and was Commended.

The awards made to Florist's flowers were as follows:—

Fuchsia Mammoth:—from Mr. G. Smith, Tollington Nursery, Hornsey Road. A variety of excellent habit, with neat foliage, and very large durable double flowers, having broad reflexed sepals, and a large double corolla of a deep violet purple, flamed with red at the base. It was awarded a First-Class Certificate.

Pink Delicata:—from Mr. Turner, F.R.H.S., Slough. A handsome large-flowered variety, heavily laced with pale purple, and marked with darker purple in the centre; it was very evenly marked. Awarded a First-Class Certificate.

Pink Lady Rokeby:—from Mr. Bragg, Slough. A full-sized and nicely-laced variety, but deeper coloured than the foregoing. It was awarded a First-Class Certificate.

Phlox Reine blanche:—from Messrs. Downie, Laird & Laing, Edinburgh and Sydenham. A variety with bold trusses of pure white flowers, upwards of an inch and a half in diameter. It was Commended.

Phlox Lydia:—from Messrs. Downie, Laird & Laing. The flowers in this variety, which was also Commended, were rather smaller than in the preceding, and were of a French white, with a prominent and somewhat radiate purple eye.

Various other plants and flowers were exhibited, namely:—

Nemophila atomaria *var.* **oculata**:—from Mr. W. Thompson, Ipswich. Owing to the dull unfavourable weather the flowers of this plant were nearly closed. It is a pretty annual, the flowers pale blue, with a dark central eye; rather small, as in the parent species, but nevertheless desirable from its colour and marking.

Rose "Aurora":—from Mr. B. R. Cant, Colchester. This was the same variety as that shown at the previous meeting, and though the blossoms now produced were less vigorous

than before, they still showed it to be a variety of first-class character. It was thought to be in every way deserving of general cultivation, but being an old variety no award was made. [As it appears to be distinct from the true *Aurora*, an old rose very much inferior to it, and cannot be satisfactorily identified with any known kind, it has been stated that Mr. CANT intends to redistribute it under the foreign name of **L'Enfant Trouvé.**]

Heliotropium odoratissimum:—from Mr. BRAGG. A very sweet-scented lilac-flowered variety, bearing large clusters of flowers.

Azalia Duncani:—from Mr. W. BULL. A young plant of a slender narrow-leaved species, resembling a miniature *A. crassifolia*, and like it having dark-coloured leaves. It is a stove shrub, from the Mauritius.

Lourea vespertilionis:—from Mr. W. BULL. The old *Hedysanum vespertilionis*, sometimes known as the "Windmill Plant," from its peculiar-shaped leaves, which stand up like the sails of a windmill, and shift their position under the influence of strong sunshine. It is a mere curiosity.

Gesnera pyramidalis:—from Mr. W. BULL. A handsome dwarf and free-flowering variety, resembling *G. gloxiniæflora*, and, like it, producing broad reddish rugose leaves, and large rosy-carmine flowers.

Brasavola Digbyana:—from Messrs. JACKSON & SON, Kingston. A curious fringed-flowered greenish-white orchid, imported from Honduras, and occasionally seen in cultivation.

Erica Aitoni rubella:—from Messrs. JACKSON. A variety of slender habit, with distant foliage, and long slender-tubed pale pinkish flowers. It was stated to be a hybrid between *E. Aitoni* and *E. Massoni major*, but bore no indication of relationship to the latter.

Hybrid Dianthus:—from Mr. WINCHESTER, Royal Gardens, Osborne. A handsome form of hardy Dianthus, stated by Mr. Winchester to be a first-class bedding-plant, and a continuous bloomer. Three plants were exhibited, and these had unfortunately been much damaged in their transit. It was stated that they had been blooming since March, out of doors. The young plants, it was also stated, had been wintered in a cold pit, and were often frozen for days together, so that it is perfectly hardy. The plants were from a foot to a foot and a half high, with broad almost lance-shaped leaves, of a very dark colour, and the flowers of a very rich glowing crimson. On a former occasion, when cut-

flowers were produced, it was stated to have been raised from *D. Heddewigii*, crossed by the Sweet William. It is a showy form of Mule Pink.

Verbena Fireball:—from Mr. ECKFORD, exhibited by Messrs. J. & C. LEE. A bright deep scarlet-flowered variety, of good quality and of excellent habit.

Capsicum annuum fructu-nigro:—from the Rev. T. W. FRANKLYN, F.R.H.S., Onslow Square. The fruits of this plant, which were not fully matured, were almost black, and would no doubt become fully so when quite ripe. They were described as acquiring a jet black colour. The seed had been obtained from Switzerland.

Variegated Begonias:—from Mr. D. T. FISH, gardener to Lady CULLUM, Hardwicke House, Bury St. Edmunds: **Lady Cullum,** a rather small and neat plane-leaved sort, having a small tapered central dark-green ray, and a vandyked dark-green border, marked with a few bold distinct silver dots, the intermediate space forming a broad silvery zone. It was a well-contrasted and distinct sort, of promising character, but, like the others, was not shown in very good condition. **Delicata,** a medium-sized variety, of which only one leaf was developed; this had the whole centre of a shining or burnished pale or yellowish-green, and an even border of dark green. **Improved Picta,** not well developed, but apparently a richly-coloured vittate form. These were the most distinct. The others were: **Thackeray,** and **Pigmy,** more or less resembling *Rex*; **Gorilla, Emily Birch,** and **Eva Mary Fish,** motley, with a somewhat vittate or radiate character; and **Chief Baron Pollock,** silvery, with green ribs.

Pinks:—from Mr. BRAGG. **Purple Prince,** small, with heavy purple lacing; **Hero,** with uneven purple lacing; **Master William,** an unevenly laced sort.—From Mr. TURNER: **Dr. Maclean,** a large and attractive sort, with heavy and even lacing of deep purple; **Jesse** (*Jeans*), large, with broken lacing of deep purple.

Sweetwilliams:—from Mr. BRAGG. A collection of 24 unnamed varieties of this popular English flower. They were of the strain known as "Hunt's Sweetwilliam," and were very handsome.

Petunias:—from Mr. W. BULL. A collection of several double-flowered sorts, including: **Madame Lanzezeur,** a purple and white variety, remarkably smooth-petaled, and resembling *inimitabilis fl. pleno*; **Ernest Leprevolte,** small compact-flowered, blush, with purple-crimson veins; **Isaie,** small neat veiny pink.

LXXIX. GENERAL MEETING, June 18.

A General Meeting of the Society was held on Tuesday, June 18, in the Council Room at the Gardens, South Kensington, S. Holmes Godson, Esq., in the Chair, when the following candidates were balloted for and elected Fellows, namely:—

Alexander, Robert, Esq., C.B., 9, Stratton Street, Piccadilly, W.
Alvanley, The Lady, 12, Bruton Street, W.
Arney, Hector William, Esq., 7, St. Agnes Villas, Kensington Gardens, W.
Arney, Mrs. Hector William, 7, St. Agnes Villas, Kensington Gardens, W.
Bailey, Sir J. Russell, Bart., Glanusk Park, Crickhowell.
Barrow, Charles, Esq., 1, Orsett Place, Hyde Park, W.
Bartlemore, Miss, 10, Holles Street, Cavendish Square, W.; and Beechwood, Rochdale.
Basham, William Richard, M.D., 17, Chester Street, Belgrave Square, S.W.
Bath and Wells, The Lord Bishop of, Eden Lodge, Kensington Gore, W.
Beauclerc, The Lord Amelius Wentworth, 3, Bryanston Square, W.
Bentley, Frederick, Esq., 1c, Albany, or Reform Club, S.W.
Bergne, Mrs. J. B., 19, Hans Place, S.W.
Berkeley, The Right Hon. Sir Maurice F., K.C.B., Berkeley Castle, Gloucestershire.
Bessborough, The Earl of, 40, Charles Street, Berkeley Square, W.
Bevan, Alfred H., Esq., 11, Bryanston Square, W.
Bicker-Caarten, P., Esq., 30, Northumberland Place, Bayswater, W.
Birkbeck, Edward, Esq., Holmesdale Lodge, Nutfield, Surrey.
Bollen, Henry, Esq., 47, Avenue Road, N.W.
Bradshaw, Mrs. Anna Maria, 11, Queen's Gate Terrace, W.
Burly, Mr. James, Redhill, Surrey.
Cazenove, Henry, Esq., 91, Gloucester Terrace, Hyde Park, W.
Chelsea, The Viscount, 28, Lowndes Street, Belgrave Square, S.W.
Chichester, The Lady, 48, Thurloe Square, Brompton, S.W.
Churchill, Smyth, Esq., Streatham, S.
Combermere, The Viscountess, 48, Belgrave Square, S.W.
Comyn, Fitzwilliam, Esq., 59, Cleveland Square, Hyde Park, W.
Conquest, John Tricker, M.D., Finsbury Square, E.C.
Copley, George Edward, Esq., Potts, Soninby, Northallerton.
Craven, The Earl of, 16, Charles Street, Berkeley Square, W.
Cremorne, The Lady, 30, Curzon Street, May Fair, W.
Crewe, Mrs., 2, Rutland Gate, S.W.
Cridland, Mrs. M., 47, Brompton Square, S.W.
Curwen, Miss Margaret, 51, Grosvenor Place, S.W.
Darnley, The Earl of, Cobham Hall, Gravesend, Kent.
Dashwood, James, Esq., 3, Gloucester Terrace, Pimlico, S.W.
Denison, The Lady Charlotte, Speaker's House, Westminster, S.W.
Dymoke, Sir Henry, Bart., 28, Brook Street, Grosvenor Square, W.
Ellis, Mrs., 3, Montague Place, Russell Square, W.C.
Ellis, L. A., Mr., Dover House, Whitehall, S.W.
Else, Mrs., Bayswater Cottage, Victoria Grove, Bayswater, W.
Esmeade, G. F. M., Esq., 29, Park Street, Grosvenor Square, W.
Evans, J. Llewellyn, Esq., 120, Westbourne Terrace, W.
Foley, J. H., Esq., M.P., Prestwood House, Stourbridge, Worcestershire.
Fox, Mrs. Lane, Chesterfield Street, May Fair, W.

Fraser, W., Esq., 17, Radnor Place, Hyde Park, W.
Gabb, J. B., Esq., 14, Highbury Place, N.
Gay, John, Esq., 10, Finsbury Place South, E.C.
Gillett, Mrs., 2, Grosvenor Gate, W.
Green, John, Esq., 48, Dover Street, Piccadilly, W.
Grey and Ripon, The Earl de, 1, Carlton Gardens, S.W.
Grisewood, Henry, Esq., 15, Chesham Place, S.W.
Gulliford, W., Esq., 15, Salisbury Street, Strand, W.C.
Gurdon-Rebow, John, Esq., 111, Eaton Square, S.W.
Hakes, Mrs. Mary, 21, Kensington Gate South, W.
Hamilton, Sir Robert North Collie, Bart., K.C.B., 129, Park Street, Grosvenor Square, W.; and Avon Cliffe, Stratford-on-Avon, Warwickshire.
Hamilton, James Hans, Esq., M.P., 24, Motcomb Street, S.W.
Hare, Sir Thomas, Bart., 15, Waterloo Place, S.W.
Hatfield, G., Esq., 1, Hyde Park Terrace, W.
Hawtrey, Rev. Edward Craven, D.D., The Lodge, Eton College.
Haywood, Thos. B., Esq., Sufferance Wharf, Rotherhithe, S.E.
Hibbert, John H. Washington, Esq., 34, Dover Street, W.; and Bilton Grange, Rugby.
Higgins, Mathew, Esq., 71, Eaton Square, S.W.
Hinchman, Mrs., 23, Great Cumberland Place, Hyde Park, W.
Howard, Lewis, Esq., Onslow Villa, Pelham Street, Brompton, S.W.
Hughan, Thomas, Esq., 38, Lowndes Street, S.W.
Jessel, Z. A., Esq., 1, Saville Row, W.; and Gardon House, Putney, S.W.
Joliffe, Mrs. Hylton, 7, Chesham Street, Belgrave Square, S.W.
Jones, William, Esq., 16, Camden Road Villas, N.W.
Kennard, Miss Ellen Georgiana, 13, Princes Terrace, Hyde Park, S.W.
Kieser, Charles, Esq., Broxbourne, Herts.
Kingsford, Henry, Esq., 6, Queen's Gate Gardens, W.
Knill, Stuart, Esq., The Croplets, The Grove, Blackheath, S.E.
Lambert, Frank, Esq., 2, Portugal Street, May Fair, W.
Lawrence, Miss, 18, Whitehall Place, S.W.
Lee, Mrs., Balham, Surrey, S.
Lewes, Price, Esq., Arthur's Club, St. James's Street, S.W.
Lintott, Wm. Henry, Esq., 23, Wimpole Street, W.
Londesborough, Lady, 8, Carlton Terrace, S.W.
Longdon, Mrs., 6, Ennismore Place, S.W.
Longford, The Earl of, C.B., 24, Bruton Street, W.
Lyall, Mrs., 9, Rutland Gate, S.W.
Lysley, Warine B. M., Esq., 41, Queen's Gardens, Bayswater, W.
Macleay, James Robert, Esq., 132, Westbourne Terrace, Hyde Park, W.
Macgown, Archibald, Esq., 1, Royal Exchange Buildings, E.C.
Magnay, Lady, 24, Kensington Gate, W.
Marlborough, His Grace The Duke of, Blenheim.
Mathews, Henry, Esq., 9, Garway Road, Bayswater, W.
M'Calmont, Hugh, Esq., 30, Grosvenor Place, S.W.
Methuen, The Lord, 17, Eaton Place, S.W.
Meyrick, Colonel W. H., 43, Grosvenor Street, W.
Middleton, Mrs., 78, Oxford Terrace, Hyde Park, W.
Mildred, Frederick, Esq., Croham Farm, Croydon, Surrey.
Mills, The Lady Louisa, 9, Grosvenor Square, W.
Milward, Mrs. Clement, 3, Kensington Palace Gardens, W.
Mitchell, John, Esq., Iver Lodge, Iver, Bucks.
Mullens, James Duncan, Esq., 16, Cambridge Square, W.
Mynors, Miss, 105, Park Street, Grosvenor Square, W.

Naghten, Thomas, Esq., 15, St. James's Square, S.W.
Newton, George Onslow, Esq., 46, Belgrave Square, S.W., and Croxton Park, St. Neots.
Nichols, William, Esq., 33, Lincoln's Inn Fields, W.C.
Nisbet, Edward Parry, Esq., Hollywood Lodge, West Brompton, S.W.
Norton, Daniel, Mrs., Crown Lane, Norwood, S.
Ollivier, Mrs. Robert, 19, Old Bond Street, Piccadilly, W.
Onley, O. Savill, Esq., Stisted Hall, Essex.
Otway, The Lady Frances, 13, Grosvenor Square, W.
Owen, Rev. H. J., 40, Alfred Place West, Brompton, S.W.
Oxford, The Lord Bishop of, Cuddesdon Palace, Wheatly, Oxon.
Palk, Sir Lawrence, Bart., M.P., 47, Rutland Gate, S.W., and Haldon House, Exeter.
Palmer, Wm. H., Esq., 22, Hyde Park Gate South, Kensington Gore, W.
Partridge, George Anthony, Esq., Bury St. Edmunds.
Peach, Major Peach, Tockington, Almondsbury, Bristol.
Petter, George Wm., Esq., La Belle Sauvage Yard, E.C.
Pilgrim, Jas., Esq., Woodbury Vale House, Stoke Newington, N.
Postans, Richard Broadhurst, Esq., Brentwood, Essex.
Poultney, Wm., Esq., 7, Phillimore Terrace, Kensington, W.
Price, Lady, 11, Stratton Street, Piccadilly, W.
Quin, The Lord George, 15, Belgrave Square, S.W.
Ramsay, Mrs. Helen, 34, Inverness Road, Bayswater, W.
Ramsden, Charles, Esq., 9, Portman Square, W., and Newbold Revel, Rugby.
Reeve, Philip, Esq., 4, Lincoln's Inn Fields, W.C.
Ripley, William Henry, Esq., 111, Jermyn Street, St. James's, S.W.
Rodocanachi, M. E., Esq., 3, Gloucester Square, Hyde Park, W.
Rosenthal, Ludwig, Esq., 14, Mincing Lane, E.C.
Sisson, Charles, Esq., 6, Marquis Villa, Marquis Road, Canonbury, N.
Skinner, Russell Morland, Esq., 8, Westbourne Crescent, Hyde Park, W.
Smith, Captain, Grenadier Guards, Wellington Barracks, S.W.
Smith, James, Esq., Barkeley House, Seaforth, near Liverpool.
Somerton, The Viscount, 16, Princes Terrace, Princes Gate, W.
Stephens, John, Esq., 23, Eastbourne Terrace, Paddington, W.
Sterling, The Lady, South Place, Knightsbridge, S.W.
Stocker, John Palmer, Esq., 93, Oxford Terrace, Hyde Park, W.
Strangford, The Viscountess, 9, Queen's Gate Terrace, South Kensington, W.
Strutt, George Henry, Esq., Bridge Hill, Belper, Derby.
Thorpe, Wm., Esq., 31, Henrietta Street, Covent Garden, W.C.
Townsend, Mrs. C. C., 1, St. John's Terrace, Regent's Park, N.W.
Vivian, Major, 15, Hyde Park Square, W.
Vyse, Lieut.-Colonel Howard, The Manor Cottage, Old Windsor.
Walker, Mrs., 4, Bath Place, Kensington, W.
Watney, James, Junr., Esq., 10, Oxford Square, W.
West, Fitzmaurice, Esq., Coombe Wood.
Wharncliffe, The Lady, 15, Curzon Street, May Fair, W.
Wheelwright, Wm., Junr., Esq., 16, Upper Woburn Place, Tavistock Square, W.C.
White, H. Clarence, Esq., Gresham Club, E.C.
Widdrington, S. F., Esq., Newton Hall, Acklington.
Wolfe, Miss Emma, 19, Westbourne Terrace, Hyde Park, W.
Wyburn, Miss, 6, St. John's Villas, Adelaide Road, N.W.
Wyndham, J. H. Campbell, Esq., Corhampton House, Bishop's Waltham, Hants.

LXXX.—GENERAL MEETING, June 28.

A General Meeting of the Society was held on Friday, June 28, in the Council Room, at the Gardens, South Kensington, the Right Hon. the Earl of Ducie, V.P., in the Chair, when the following candidates were balloted for and elected Fellows, namely:—

Ailsa, The Marchioness of, 19, Cork Street, Bond Street, W., and Culzean Castle, Maybole, Scotland.
Alder, Edward, Esq., Southam Villa, Cheltenham.
Balfour, Mrs., Grove House, Putney, S.W.
Barber, Francis, Esq., The Lodge, Etwall, Derby.
Bourne, Lieut.-Col. James, Conservative Club, Pall Mall, S.W.
Braby, Frederick, Esq., 28, Osnaburgh Street, Regent's Park, N.W.
Brigden, Timothy, Esq., 13, Grosvenor Street, Camberwell, S.
Brooke, Mrs., 26, Cadogan Place, S.W.
Brown, Thomas, Esq., 8, Hyde Park Place West, W.
Brunnow, The Baron de, Chesham House, Chesham Place, S.W.
Buller, Miss Isabella, 20, Queen's Gate Terrace, South Kensington, W.
Calthrop, Thomas D., Esq., 8, Whitehall Place, S.W.; and Reigate, Surrey.
Copley, Sir Joseph, Bart., Sprotborough, Doncaster.
Currie, Henry W., Esq., 14, Norfolk Street, Park Lane, W.
Denison, Alfred, Esq., 6, Albemarle Street, W.
De Lisle, Miss M., 42, Half Moon Street, Piccadilly, W.
Edwardes, Miss M. Dyer, 5, Hyde Park Gate, W.
Entwisle, J. S., Esq., Fox Holes, Rochdale, Lancashire.
Fox, Mrs., 34, St. George's Square, Pimlico, S.W.
Gallagher, John, M.D., 109, Westbourne Terrace, Hyde Park, W.
Gardiner, Rev. Edward, Oxford and Cambridge Club, Pall Mall, S.W.
Girdwood, John, Esq., 49, Pall Mall, S.W.
Gower, Mrs. Lewis, Castle-Malgwyn, Llechryd, Carmarthen.
Grasett, Henry, Esq., 39, Duke Street, St. James's, S.W.
Gregory, Sherwin, Esq., 46, Brook Street, Grosvenor Square, W.
Greig, Sir Hector, 21, Hans Place, Sloane Street, S.W.
Griffith, Henry, Esq., Grove Cottage, Gloucester Grove, South Kensington, S.W
Heathcote, Lady, 91, Victoria Street, Westminster, S.W.
Henderson, John, Esq., 7, Bolton Street, Piccadilly, W.
Hertz, James, Esq., Sedgeley Park, Prestwich, Manchester.
Hobbs, Thomas, Esq., 15, Earl's Court Gardens, Old Brompton, S.W.
Hooper, Mrs. George, 23, Cambridge Square, Hyde Park, W.
Hornell, Robert, Esq., Union Road, Larkhall Lane, Clapham, S.
Ince, H. A., Esq., 27, Thurloe Square, Brompton, S.W.
Ince, W. H., Esq., F.L.S., 27, Thurloe Square, Brompton, S.W.
Jacob, W. H., Esq., 33, Argyll Street, Regent Street, W.
Kilvington, Mrs. Francis, 6, Queen's Gate, Hyde Park, W.
Knatchbull, Lady, 3, Chesham Place, Belgrave Square, S.W.
Kynaston, Sir John R., Bart., Hardwick, Ellesmere.
Larnach, Donald, Esq., Kensington Palace Gardens, W.
Lawson, Miss Sarah, 80, Avenue Road, St. John's Wood, N.W.
Londonderry, Frances Ann, Marchioness, Holdernesse House, Park Lane, W
Loveland, John P., Esq., 57, Pembridge Villas, Bayswater, W.
Lutwidge, C. R. F., Esq., 21, Calverley Park, Tunbridge Wells.
McCallan, Miss Ellen, 41, Thurloe Square, Brompton, S.W.

Miles, H., Esq., Downfield House, Kington, Herefordshire.
Millman, Miss, 127, Westbourne Terrace, W.
Napier, Robert, Esq., Shandon, Dumbarton.
Ogilby, Mrs. Alexander, 20, Queen's Gate, Hyde Park, W.
Paget, Colonel Frederick, 55, Chester Square, S.W.
Parry, Major E. Lane, 53, Onslow Square, Brompton, S.W.
Phillips, C. J., Esq., The Cedars, Mortlake, Surrey, S.W.
Ramsay, Major Balcarres, 18, Chester Street, Belgrave Square, S.W.
Reid, David, Esq., 57, Jermyn Street, St. James's, S.W.
Russell, W., Esq., Pembroke Lodge, Boltons, Brompton, S.W.
Scovell, Mrs. G., 34, Grosvenor Place, S.W.
Scovell, Miss, 34, Grosvenor Place, S.W.
Seager, J. Lys, Esq., Carroun House, South Lambeth, S.
Shadwell, Mrs., 4, Charles Streeet, Lowndes Square, S.W.
Simpson, William, Esq., Manor House, Mitcham, Surrey, S.
Speer, Miss Mary, Holly Lodge, Victoria Road, Kensington, W.
Templemore, The Lady, 32, Bruton Street, Bond Street, W.; and Dunbrody Park, Arthur's-town, Ireland.
Thomas, Mrs. Griffith, 45, Queen's Gate Terrace, Hyde Park, W.
Thorne, James, Esq., Nightingale Lane, Clapham Common, S.
Thwaites, Mrs. Daniel, 3, Queen's Gate, Hyde Park, W.
Toussaint, John, Esq., 21, Scarsdale Villas, Kensington, W.
Tyler, Sir James, Pine House, Holloway, N.
Wadeson, Edward Weyman, Esq., 40, Tavistock Square, W.C.
Walsh, The Lady Jane, 28, Berkeley Square, W.; and Wadfield Park, Berkshire.
Willoughby D'Eresby, The Lady, 149, Piccadilly, W.
Wilson, Rev. John, D.D., Durham House, Chelsea College, S.W.

LXXXI.—GENERAL MEETING, July 8.

A General Meeting of the Society was held on Monday, July 8, in the Council Room, at the Gardens, South Kensington, S. Holmes Godson, Esq., in the Chair, when the following candidates were balloted for and elected Fellows, namely:—

Abdy, Sir William, Bart., 20B, Hill Street, Berkeley Square, W.
Arden, The Hon. Miss, 4, Chesham Place, Belgrave Square, S.W.
Boylan, Henry D., Esq., 2, Shaftesbury Villas, Kensington, W.
Berger, Henry, Esq., 30, Cleveland Square, Hyde Park, W.
Blane, David, Esq., 21, Prince's Gardens, Hyde Park, W.; and Foliejon Park, Windsor.
Borthwick, Mrs. (in place of Col. Borthwick, previously elected), 3, Upper Lansdowne Terrace, Notting Hill, W.
Bowring, John Charles, Esq., Larkbeare, Exeter.
Burgh, Hubert De, Esq., 32, Hans Place, Sloane Street, S.W.
Burmester, Edward, Esq., Clapham Common, S.
Cobden, Miss Katherine E., 34, Cavendish Square, W.
Dendy, Arthur Hyde, Esq., 68, Inverness Terrace, Hyde Park, W.; and Rock House, Torquay.
Donegal, The Marquis of, 22, Grosvenor Square, W.
Douglas, Miss Elizabeth Houstoun, 24, Eaton Place, S.W.
Ellesmere, The Dowager Countess of, Hartlepool, Cobham, Surrey.

Elliot, Mrs. W., 31, Belgrave Square, S.W.
Ellis, Mrs., Ulcombe Place, Staplehurst, Kent.
Ellis, Mrs. Charles, The Orchard, Upper East Sheen, Surrey, S.W.
Eyre, Thomas J., Esq., 27, Brook Street, Grosvenor Square, W.
Forbes-Mitchell, Duncan, Esq., 42, Norfolk Square, W.; and Thainston, Aberdeenshire.
Fry, W. J., Esq., Beddington Lodge, Mitcham, Surrey, S.
Heneage, Miss, 56, Brompton Crescent, S.W.
Hepburn, Mrs. Poole, 18, Charles Street, Berkeley Square, W.
Jermyn, G. Alfred, Esq., 15, Buckingham Street, Adelphi, W.C.
Jones, Blew, Esq., 32, Walbrook, City, E.C.
Judge, J. S., Esq., 1, Stanley Gardens, Notting Hill, W.
Longford, The Countess of, 24, Bruton Street, Berkeley Square, W.
Laurence, W. F., Esq., Raleigh Hall, Brixton Hill, S.
Leak, Abraham, Esq., Portis Head, Clevedon, Somersetshire.
Lewis, Mrs., Roehampton, S.W.
Lucking, Mr. William John, 10, Pickering Terrace, Westbourne Park, W.
Melton, Mrs., 5, Michael's Grove, Brompton, S.W.
Meredith, Charles, Esq., Wimbledon Common, S.
Mills, Richard, Esq., Jun., 31, Gore Road, Kensington, W.
Mitchell, George, Esq., 22, Bolton Street, Piccadilly, W.
Moore, George, Esq., 15, Kensington Palace Gardens, W.
Monnsey, John T., Esq., 2, St. James's Place, St. James's Street, S.W.
Oxley, John T., Esq., Clapham Common, S.
Patrick, Jarman, Esq., Wiggenhall, St. German's, King's Lynn, Norfolk.
Pidgeon, Jonathan Sills, Esq., 18, Pembridge Villas, Bayswater, W.
Pollen, John Hungerford, Esq., 11, Pembridge Crescent, Bayswater, W.
Pearson, Thomas, Esq., 4, Adelphi Terrace, W.C.
Reynolds, Major P. A., 27, Charles Street, St. James's, S.W.
Rigmaiden, Mrs. James (in place of J. Rigmaiden, Esq., previously elected), 6, Harley Place, Marylebone, W.
Ross, Lieutenant-Colonel, C.B., 34, Rutland Gate, Hyde Park, S.W.
Scott, William, Esq., Union Club, Trafalgar Square, W.C.; and Empstrop Grange, Selborne, Hants.
Sheridan, Henry Brinsley, Esq., M.P., Bellefield House, Fulham, S.W.
Tattersall, Richard, Esq., Hyde Park Corner, S.W.
Taylor, Mr. William Thomas, Horticultural Building Works, Kensal Green, W.
Watson, Lieut.-Col. William, 31, Great Cumberland Place, Hyde Park, W.
White, William, Esq., Poplar Lodge, Hampton Wick, S.W.
Wiseman, Lady, 38, St. George's Road, Pimlico, S.W.
Wyndham, The Lady Elizabeth, Sutton Park, Guildford, Surrey.
Yarborough, The Countess of, 17, Arlington Street, Piccadilly, S.W.

LXXXII. MISSION OF COLLECTOR TO BRAZIL.

Letters have been received from Mr. Weir, the collector, announcing his safe arrival in Brazil. He arrived at Rio Janeiro on Sunday the 2nd June, and on Monday delivered his letters to Mr. Miers and Messrs. Fry & Co., two of the gentlemen to whom he bore introductions from the Society. He was received very kindly by them, and they appear to have entered with zeal into the objects of the Society. He says:—

"By Mr. Miers' advice, I devoted the following day

(Tuesday) to the ascent of the Corcovado Mountain, in order to get a general idea of the vegetation in this part of Brazil, and on Wednesday I visited the Botanical Garden. It is a very poor affair, its chief feature being a fine avenue of palms, extending from the entrance to the opposite boundary; but for this, and a few hedge-rows of Crotons, Screw-pines and Oleanders, it would be difficult to tell that the whole was not a natural jungle. Mr. MIERS advises me to go first for a short time to Tejuca, till I have collected a little more information about the country, and afterwards to go to Belem if I think it advisable. I have, therefore, decided to go to Tejuca to-morrow, and stay there for a week or two, and then to go to Belem, or some other place in that direction afterwards."

MR. MIERS has also written, and in addition to the circumstances mentioned by Weir, says, "To-day I took him to the Minister of Justice, to whom he brought a letter of introduction from the Minister in London. He took the letter, and said he would hand it to the Minister of Agriculture and ask him to give WEIR letters to the Presidents of St. Paul's and Minas, and I will try to get those for him, as they may be useful hereafter. WEIR seems to be a likely kind of man for his employment, but I do not expect he will get much in his way in this province, where vegetation is generally on too large a scale for horticulture. I advised him to go to Tejuca for a few days, and explore in that direction: then to Belem, but not to remain there, as it is not a healthy spot, but to go on up the Serra, and perhaps to the Parahyba. However, I think he had better soon go into the interior of the province of San Paulo, where he is more likely to find novelties and a better class of plants for his purpose, than to the province of Santa Catarina, and north of Rio Grande. Here he will do nothing, and he goes to Tejuca to-day. I spoke to Mr. BENNET, who said he would give him a room at the hotel, and next week he will go to Belem. I shall then advise him to go up to Petropolis, and thence to the valley of the Parahyba, where he might remain a month or two previously to going into the interior. I will be of any assistance I can to him, but am sorry I cannot give him much of my time: he will have to depend much on himself, and I think he is the right sort of man."

Similar advices have also been received from Messrs. FRY & Co., of Rio Janeiro.

LXXXIII.—REPORTS OF THE FLORAL COMMITTEE.

(*Continued from p.* 621,)

July 9, 1861.—*The* Rev. Joshua Dix, F.R.H.S., *in the Chair.*

The following presentations were announced:—

Mr. G. Clarke, F.R.H.S., 12 plants of Victor Emmanuel, scarlet Pelargonium.

Mr. Hadley, 3 plants of Tropæolum.

The plants on this occasion exhibited were as follows:—

Delphinium alopecuroides:—from Mr. G. Wheeler, Warminster. This was awarded a First-Class Certificate. The specimens shown were scarcely more than two feet in length, and were stated to have been cut within three inches of the ground. The stems were furnished in the lower part with palmatifidly-lobed leaves, having incised segments and a ciliated margin, and they were terminated by a flower spike or raceme slightly branched below, and upwards of a foot in length, densely crowded with small double flowers of a bright blue colour, paler and reddish-tinted towards the centre of the petals. It is a most desirable and very ornamental hardy herbaceous perennial.

Clarkia pulchella flore-pleno:—from Messrs. Carter & Co., Holborn. This was a handsome variety of the deep rosy colour of the better forms of this well-known species, but having three or four whorls of petals developed, so as to form a tolerably full double flower. It was a very showy plant in its class, and was awarded a First-Class Certificate.

Verbena Foxhunter:—from John Miller, Esq., Upway, Dorchester. A seedling, stated to be of robust habit, of which some cut trusses from an unprotected plant in the open ground were exhibited. The flowers were very large, an inch or more in diameter, of good form, and of a bright rich scarlet, with yellow eye. It was altogether a remarkably brilliant and attractive kind, and was awarded a First-Class Certificate.

Hypolepis distans:—from Mr. W. Dean, Bradford. This was Commended as an elegant green-house basket Fern. It was furnished with a free growing creeping rhizome, and smooth slender ovate-lanceolate bipinnate fronds, attaining a foot or a foot

and a half in length, and having a drooping habit. Its slender small-pinnuled drooping fronds, render it adapted for cultivation in suspended baskets, in which it would form a good match with *Pteris scaberula.* The rachis is rough with distant raised points, which sometimes become small prickles.

Calandrinia sp.: —from Messrs. VEITCH & SON, Chelsea and Exeter. A pretty dwarf rock plant from South Chili, having the general aspect of *C. umbellata*, but of a more erect habit, and stated to produce larger flowers, which, as in that species, are very brilliant in sunshine. It was stated to be quite hardy. The leaves were narrow linear acute, upwards of two inches long, slightly narrowed below, and dilated at the base, thickish in texture, and clothed with long white appressed hairs, which give the herbage a grayish colour. The flowering stems and calyces are smooth, and the flowers of a rich deep rose-purple. It was COMMENDED, as an elegant rock plant.

Primula sp.:—from Messrs. VEITCH & SON. A dwarf herbaceous perennial, from the snow line of the Andes, and quite hardy. It forms a little branching tuft of short stems, clothed with wedge-shaped or spathulate leaves three-fourths of an inch long, tapered into a stalk-like base, and toothed at the bluntly-rounded apex. The flowers are small, in small umbels on a scape about three inches high, of a purplish rose colour with a yellow eye, the limb segments obcordate and deeply biparted. It was COMMENDED as a pretty dwarf hardy plant for rockeries.

Nemophila discoidalis, *var.* **elegans**: —from Messrs. CHARLWOOD & CUMMINS, Covent Garden. In this variety, which was a very pretty one, the flowers were of a bright chocolate or light reddish-maroon, conspicuously bordered with white. The colours were distinctly marked and very effective. It was COMMENDED as a desirable annual for general cultivation. With it was shown another pretty but ineffective variety of the same species, in which the flowers were white, with a few chocolate-coloured spots.

The remaining subjects brought under the notice of the Committee were the following:—

Phalænopsis Schilleriana:—from Mr. W. BULL, F.R.H.S., Chelsea. A fine Manilla orchid, with the leaves mottled with white, as in some of the *Cypripediums*, and bearing pretty pale rose-coloured flowers. The plant shown was a very small one, and was not thought to indicate sufficiently the merits of the plant to receive any award.

Caladium cupreum:—from Mr. W. Bull. This, which was a young undeveloped plant, had sagittately cordate leaves of a coppery hue on the upper surface.

Caladium Schælleri:—from Mr. W. Bull. This was also a young undeveloped plant. The leaves were cordate ovate, with a white rib down the centre of the green surface, and having the lateral veins also slightly marked out with white.

Dracæna Ehrenbergii:—from Mr. W. Bull. A Mexican species with plain green foliage.

Cyanophyllum speciosum:—from Mr. W. Bull. A distinct and bold-habited plant, with the leaves of a lightish green, stained with purplish-red behind. Though in itself a plant of ornamental character, it was very much inferior to *C. magnificum* both as to the size and colouring of its foliage. It is a native of Chiapa, Mexico.

Rhopala crenata:—from Mr. W. Bull. An elegant conservatory shrub, with pinnate leaves, having large shining serrated leaflets. It was considered to be inferior as an ornamental plant to *R. magnificum*.

Begonia keramis:—from Mr. W. Bull. A distinct-looking plant, distributed by Mr. Linden. It has leaves of moderate size, angulately lobed, the surface of a dull silvery gray, green at the centre, and with green veins running out towards the margin.

Calceolaria Sparkler:—from Mr. W. Bull. A shrubby bedding variety with bronzy-red flowers having the upper lip yellow. It was not considered equal to that called *Goldcap*.

Petunias:—from Mr. W. Bull. A collection consisting for the most part of double-flowered sorts, among which **Madame Rendatler** and **Madame Lanzezeur**, two dark-purple mottled varieties, resembling *inimitabilis fl. pleno*, were the best. Another called **inimitabilis superba** was of the same character, but with a ground colour of pale purple or mauve. **Jean Faber** had very large rose-purple compact flowers; and **Jean d'Arc** had large blush flowers slightly veined. The two latter were very strong-growing and rather coarse-looking sorts.

Pelargoniums (*zonale*):—from Mr. W. Bull. **Rosy Gem**, with large pale cerise flowers, the leaves scarcely zonate. **Diadem**, with the leaves heavily and distinctly zoned with a band of a dark reddish brown, and a pale green centre; the flowers scarlet. **Tintoret**, with definite zone, and fairly shaped cerise pink flowers. **Marie Thiéry**, with darkly zonate leaves, and salmon-coloured flowers.—From Messrs. Wood & Ingram, Huntingdon. **Hon. Mrs.**

Fellows, a pleasing variety with dark-zoned leaves, and large trusses of cerise flowers, which however were not thought equal to those of *Rubens* and *Mons. Martin*.

Pelargonium (*Nosegay*) **Crimson Bedder**:—from Mrs. Conway, Brompton. A free blooming variety with large heads of crimson flowers, and neatly marked zonate leaves. The variety was not thought to equal that called *Stella*. It was however stated to be a good sort for edging.

Pelargonium (*variegated*) **Gold-edged**:—from Mrs. Conway. A variety with gold-edged leaves, and indifferently formed light scarlet flowers.

Fancy Pelargoniums:—from Mr. R. Wood, Bedford Nursery, Hampstead Road. **Florence Nightingale**, an inferior sort, with rosy lake upper petals.—From Messrs. Veitch & Son. **Mrs. Thompson**, a variety marked with deep red spots.

Scarlet Pelargonium, Lady Rokeby:—from Mr. W. Bull. A plain-leaved orange-scarlet, without distinctive merit.

Scarlet Branching Intermediate Stock:—from Messrs. Downie, Laird, & Laing, Sydenham and Edinburgh. A handsome new stock of dwarf habit, with densely placed double crimson flowers. It was a richly coloured and meritorious variety, but without any prominent distinctness of character.

Verbenas:—from Mrs. Conway. **Imperial Blue**, a reddish purple variety.—From Mr. G. Smith, Hornsey Wood. **The Moor**, a fine habited sort, the flowers dark blood-red with maroon eye. **Fireball**, a bright scarlet of good quality. Mr. Smith also exhibited a remarkably fine collection of cut-blooms of named kinds, for which a Special Certificate was awarded.

Fancy Pansies:—from Mr. W. Dean, Bradford. **Pierrot**, a light spotted sort. **Duchesse de Brabant**, sulphur, with yellow lower petals marked with rich dark blotch. **Etoile du Nord**, lower petals yellow with dark blotch, the upper ones edged with rosy lilac. These blooms were stated to be smaller than usual, and less perfectly marked, in consequence of the hot dry weather that had prevailed in Yorkshire from the middle of April to within a few days of the date of the meeting.

Pinks:—from the Rev. G. Jeans, Alford Vicarage, Lincolnshire. Several unnamed seedlings, some of which were finely coloured, and worth another season's trial cultivation. The best marked among them had small-sized flowers.—From Mr. H. Cook, Horstead, Norwich. An unnamed seedling, the flowers of which were badly packed and spoiled.

Delphinium:—from the Rev. G. Jeans. This was described as "a seedling from *magnificum* (which is said never to seed), with a slight improvement in its pure blue colour and a large improvement in size. The bed of this seedling constantly catches the eye before *magnificum* and *Hendersoni*, and makes *formosum* appear coarse with its purple tinge." The flowers sent were large and of a good blue, but no opinion of the effect of the plant could be formed, the specimens not having travelled well.

Calceolaria canariensis:—from Mr. G. Smith, Hornsey Road. This was a finely-grown dwarf specimen, and fully confirmed the high award made to this variety at a former meeting. It is one of the very best dwarf yellow shrubby kinds in cultivation.

Tropæolums:—from Mr. Melville, gardener to the Earl of Roseberry, Dalmeny Park, near Edinburgh. Several unnamed cross-bred varieties, of which one numbered 11, of a rich orange colour, was remarkable for the size and shape of its flowers; and it was requested that a plant of this might be sent, in order that its habit might be seen.

Sweet Williams:—from Mr. Melville. A collection of richly-coloured and varied sorts, some of which were very attractive. With these came flowers of a hybrid, between the Sweet William and *Dianthus Heddewigii*, but too much faded for examination.

LXXXIV.—ROSE SHOW.—July 10, 1861.

On the above date the first Rose Show held in the Society's Gardens at South Kensington took place. It was held in conjunction with the Fourth National Rose Show, the promoters of which united their exertions to those of the Society to render it as perfect as possible.

The competing flowers were almost entirely of cut blooms, and occupied the stands for a space of about 500 feet.

Shortly before the opening of the doors to the Fellows and the public, Her Majesty the Ex-Queen of the French, accompanied by the Prince and Princess Joinville, the Duke and Duchess of Montpensier, the Duke of Nemours, the Duke and Duchess of Saxe-Cobourg, and the children of all the Ex-Royal Family, were admitted to a private view; and later in the day H.R.H. the Duchess of Cambridge, accompanied by H.R.H. the Princess Mary, honoured the Society with their presence, when the Duchess

signed her name on the blank left for it in the illuminated page of the Society's Album, which their Royal Hignesses the DUKE OF CAMBRIDGE and PRINCESS MARY had already signed at the opening of the Gardens on the 5th of June.

The following summary will give a general idea of the contributions and contributors to the Show:—

CLASS I. 96 VARIETIES; 1 TRUSS OF EACH. (*Nurserymen.*)—Of these, the best was contributed by Mr. Mitchell, of Piltdown; Mr. Keynes was second; Mr. Hollamby, third; and Messrs. Paul & Son, fourth. Mr. William Paul was awarded an extra prize. In these exhibitions there were excellent blooms of Victor Emmanuel, a purplish slate-coloured kind; General Jacqueminot; Triomphe de Rennes, yellow; Gloire de Santenay; Baron Gonella, a promising new sort; Sénateur Vaisse, in brilliant condition; Clement Marot; Paul Ricaut; Anna Alexieff; Madame Charles Crapelet, beautiful rosy-purple; King David, rich dark velvety-crimson; Madame Boll, a fine new Rose; Eugénie Lebrun, dark crimson; Victoire de Magenta, purplish-crimson, in this instance rather small in size; Jules Margottin, a Rose which must ever stand among those at the head of its class; Impératrice Eugénie; Elise Sauvage, yellow; Triomphe d'Amiens, a most beautiful new Rose; M. Hector Jacquin; and Louise Magnan, a white hybrid perpetual of good size, form, and substance.

CLASS II. 48 VARIETIES; 1 TRUSS OF EACH. (*Nurserymen.*)—Excellent collections came from Messrs. Cranston, Cant, Keynes, Laing, Francis, Hollamby, Paul & Son, and Turner. Among these were fine blooms of Madame Charles Crapelet; Louis XIV., one of the richest and best of the new Roses; Madame Boll; Madame Bonnaire, a good white hybrid perpetual; Victor Verdier; Louis Chaix; Charles Lawson; Prince Leon; Oriflamme de St. Louis, a kind nearly as brilliant as General Jacqueminot; Comtesse Cecile de Chabrillant; Lord Raglan, and Anna Alexieff; Duc Decazes, a fine dark Rose; Arago; Paul Ricaut; General Castellane; William Jessie; Chenedolé.

CLASS III. 24 VARIETIES; 3 TRUSSES OF EACH. (*Nurserymen.*)—Here Mr. Keynes showed the best collection, in which were fine specimens of Madame Vidot; Victor Verdier; Souvenir de Leveson Gower; Triomphe des Beaux Arts; Madame Pauline Villot, beautiful rosy-crimson; Gloire de Dijon; Anna Alexieff; Virginal; Mathurin Regnier; Madame de Cambacérès; Mdlle. E. Appert; Souvenir de Malmaison; M. Miellez; Madame Hector Jacquin; La Ville de St. Denis; Dr. Brettonneau; Madame Knorr; Lord Raglan; Jules Margottin; Eveque de Nîmes; Triomphe de Rennes; Léon des Combats; and Madame Rivers. The next best exhibition of 24 came from Messrs. Fraser, and consisted of Madame Charles Crapelet, glowing rosy-crimson; Mathurin Regnier; Pauline Lanzezeur; Mdlle. Therèse Appert; Sénateur Vaisse, brilliant, large, and fine; Sophie Cocquerel; Cleostine; Maria Portemer; Lord Raglan; Victor Verdier; Duc d'Ossuna, small compact Rose; Virginal, in lovely condition, the white and delicate pink centre forming a beautiful contrast; Gen. Jacqueminot; Madame Vigeron; Madame de Cambacérès; Léonice Moise; Duchess of Norfolk; Jules Margotten; Madame Rivers; Madame Knorr; Louis XIV.; Comtesse Cecile de Chabrillant; Leveson Gower; and Madame Vidot. Mr. Laing, of Twickenham, sent Souvenir de la Reine d'Angleterre; Duchess of Orleans; Boula de Nanteuil; Lord Raglan; Baronne Prévost; Gloire de Dijon; Géant des Batailles; Queen; La Ville de St. Denis; Madame Rivers; Paul Perras; General Simpson; William Griffiths; Madame Hector Jacquin;

Paul Dupuy; Victor Verdier; Lamartine; Prince Léon; Madame de Cambacérès; Souvenir de Malmaison; Crested Moss; Comtesse Lacépède; and Anna Alexieff. Mr. Cattell and Mr. Cant also showed good collections.

CLASS IV. 24 VARIETIES; 1 TRUSS OF EACH. (*Nurserymen.*)—In this class the first prize was awarded to Mr. Keynes, of Salisbury, for fine blooms of Boula de Nanteuil; Evêque de Nîmes; Souvenir de Malmaison; Lafontaine, a large fine showy Rose; Gloire de Dijon; Victor Verdier; Juno; Prince Léon; Mathurin Regnier; Comtesse Cecile de Chabrillant; Gloire de Vitry; Virginal; Madame Hector Jacquin; Madame Vigeron; Jules Margottin; Madame Rivers; Madame Knorr; Dr. Brettonneau; Alexandrine Bachmeteff; and Queen of Denmark. Mr. Turner, of Slough, to whom the second prize was awarded, sent Comtesse Cecile de Chabrillant; Louis XIV.; Anna Alexieff; Virginal; Leveson Gower; Auguste Mie; Léon des Combats; Vicomtesse Decazes; Baronne Prévost; Duke of Cambridge; Sénateur Vaisse; Victor Verdier; Pauline Lanzezeur; Madame Domage; Jules Margottin; Gloire de Dijon; Duchess of Norfolk; Comte de Paris; Eugene Appert; General Simpson; Mdlle. Therèse Appert; General Jacqueminot; Pius IX.; and Gloire de Vitry. Among those sent by Mr. Cattell were Cloth of Gold, the only bloom we saw of this variety.

CLASS V. 48 VARIETIES; 1 TRUSS OF EACH. (*Amateurs.*)—The first prize was awarded to Mr. J. T. Hedge, Reed Hall, Colchester, who sent, among other fine blooms, Madame Cambacérès; Virginal; Anna Alexieff; Gloire de Dijon; Duchess of Buccleugh; Charles Lawson; Victor Verdier; Mathurin Regnier; Rubens; Oriflamme de St. Louis, brilliant, but a little thin of petals; Leveson Gower; Jules Margottin; Madame Vidot; Juno; Coupe d'Hébé; Clara Sylvain; Charles Duval; Lafontaine, large and very showy, but a little thin in the centre; Methurin Regnier; and General Jacqueminot. Miss Crawshay, of Caversham, who was second in point of merit, contributed a nice collection, in which were fine flowers of Paul Ricaut; Géant des Batailles, small; the old, but yet good, Rose Robin Hood; Gloire de Dijon; Madame Vidot; Prince Albert; Alexandrine Bachmeteff; Charles Lawson; Souvenir de Malmaison; La Ville de St. Denis; Lord Palmerston; Paul Perras; Evêque de Nîmes, the last a brilliant small Rose. Mr. Hollingsworth and Mr. Brush also showed well in this class.

CLASS VI. 24 VARIETIES; 1 TRUSS OF EACH. (*Amateurs.*)—In this class Mr. Corp had a fine collection, a few of the best in which were, Auguste Mie; Gegeral Jacqueminot; Gloire De Dijon; Madame Knorr; General Castellane; Prince Léon; Lord Palmerston; and Leveson Gower. Among Mr. Hedge's flowers, which took the second prize, we noticed Coupe d'Hébé; Charles Lawson; Mathurin Regnier; Gloire de Dijon; Anna Alexieff; General Jacqueminot; and Charles Duval. Among Mr. Moffatt's 24 blooms, which were placed third, were Brennus; Comte de Nanteuil; Mathurin Regnier; Souvenir de Malmaison; Chénédole; and Gloire de Santenay. Mr. Worthington, who had equally fine blooms, sent, among others, Senateur Vaisse; Prince Léon; Victor Verdier; and Anna Alexieff. Mr. Mercer also showed in this class.

CLASS VII. 18 VARIETIES; 1 TRUSS OF EACH. (*Amateurs.*)—Here the Rev. W. F. Radclyffe, of Ruston, was placed first: he had beautiful blooms of Triomphe de Rennes; La Ville de St. Denis; Paul Dupuy; Gloire de Dijon; Sir J. Franklin, a brilliant variety; Gloire de Santenay; Souvenir de l'Angleterre; Louis XIV.; Comtesse Cecile de Chabrillant; Mrs. Elliott; Géant des Batailles; Lafontaine; Mathurin Regnier; Solfaterre; Gen. Jacqueminot; and William Tell. Mr. Moore, of Horsell, near Woking, was second: among the sorts which he showed were fine flowers of Sofrano;

Auguste Mie; Gloire de Dijon; Lord Raglan; Souvenir de Malmaison; Louis Odier; and William Griffiths. From Mr. Hedge and Mr. Brush, who were placed third and fourth, came Narcisse; Delphine, a kind like Niphetos; Charles Lawson; and other sorts already mentioned.

Class VIII. 12 Varieties; 1 Truss of each. (*Amateurs.*)—Of 12 varieties, the best came from Mr. Hedge, who sent Charles Lawson, in good condition; Madame Knorr; Lafontaine, a purplish Rose; Delphine; Vandael, dark mulberry; Juno; La Ville de St. Denis; Gloire de Dijon; Madame Hector Jacquin; Coupe d'Hébé; General Jacqueminot; and Charles Duval. Equally fine blooms also came from Mr. Corp, who sent Madame Knorr; Lord Raglan; Gloire de Vitry; Pauline Lanzezeur; Paul's Victoria, a fine large delicate pink variety; General Jacqueminot; Virginal; Comtesse Cecile de Chabrillant; Leveson Gower; Juno; Gloire de Dijon; and Evêque de Nîmes, the last small, but brilliant in colour. The Rev. H. Helyar, Yeovil, Mr. Brush, Mr. Child, and Mr. Moore also furnished good blooms in this class, some of the best of which were, Kean; Madame Ory; Emperor de Maroc; Madame Duchere; Louis Bonaparte; and Madame Legras, the last a small white sort.

Class IX. 12 Roses; 12 Varieties, in 8-inch Pots. (*Open.*)

Class X. 50 Roses; 12 Varieties, in 8-inch Pots. (*Open.*)

Class XI. 20 New Roses; 10 Kinds, in 8-inch Pots. (*Open.*)

Some disappointment was felt by a portion of the visitors, at the show being almost entirely composed of cut-flowers. The same feeling was expressed at the show at the Botanic Gardens and Crystal Palace, held ten days or a fortnight previously. But it will be seen that the absence of Roses in pots was not an oversight of the Society, for notwithstanding that prizes amounting in all to £40 were offered for the above three classes, no competitors appeared, except for Class X., where Mr. Charles Turner alone exhibited.

Class XII. New Roses of 1860-1; Single Trusses, Distinct. (*Open.*) —New Roses of 1860-1 were shown by Messrs. Fraser, Cant, Standish, and Keynes. Among these the best were Madame Standish, pink shaded rose; John Standish, velvety purplish rose; Rev. Reynolds Hole, rosy salmon, robust and free flowering, new in shade of colour and very promising; Gregoire Bourdillon, like a small Géant des Batailles; André Desportes, purplish rose and very fragrant; Madame Furtado, rose, compact and beautiful; Marguerite Appert, like M. Vidot; Gen. Washington, good, in the way of Robin Hood; Comte de Falloux, brilliant but small; John Waterer, bright promising sort; Triomphe d'Amiens, as shown mottled crimson, compact and very fine; Sénateur Vaisse, a glorious rose of 1860; Mdlle. Bonnaire, a good addition to white Hybrid Perpetuals; La Boule d'Or, fine golden yellow Tea; Madame Charles Crapelet, beautiful purplish rose; Rubens, a good white Tea; Victor Emmanuel, purplish slate, a good addition to the Bourbon class; Gloire de Santenay, crimson; Louis XIV., rich velvety crimson, a charming rose; and Duc de Magenta, the last a creamy white Tea rose. Others were also shown, but not in good condition.

Class XIII. Collection of Moss Roses; Single Trusses. (*Open.*)—

Two or three exhibitions of Moss Roses were contributed, but they were not good. The best among them are still the Crested and Common class.

CLASS XIV. 18 TEA-SCENTED ROSES; SINGLE TRUSSES. (*Open.*)
No Award given.

CLASS XV. DECORATED BASKET OR VASE OF ROSES. (*Open.*)
No Competition.

CLASS XVI. MISCELLANEOUS.—Of roses in small pots Mr. Turner showed an attractive collection, to which an award was made.

In addition to the display of Roses, which formed the leading feature of the exhibition, there were several groups of ornamental-leaved and gay-flowered plants which gave interest and variety to the scene. These were contributed by some of the leading nurserymen and florists, to whom the thanks of the Society are due.

The largest contributors of the miscellaneous groups now referred to were Messrs. VEITCH & SON, of Chelsea and Exeter, by whom the central stage in the conservatory was filled with a very tastefully arranged collection of decorative-leaved plants, which were prettily edged with a close line of the deep blue *Lobelia Erinus speciosa.* The group consisted of Palms; Cordylines and Dracænas, including the fine *C. indivisa* and *C. Banksii erythrorachis; Alocasia metallica*, *Caladium Chantinii*, and other handsome araceous plants; with Araucarias, Variegated Begonias, Anæctochili, &c., a few Gloxinias, and a vase filled with the pretty new dwarf *Stenogaster concinna*, which had obtained a medal at the June exhibition. Most of these plants, and of those forming another group from the same establishment, were set up in ornamented terra-cotta stands, or in handsome bowls and vases of rare china. The latter group contained, besides the new *Maranta ornata*, very fair specimens of *M. vittata* and *Caladium Wightii;* a young *Cyanophyllum magnificum*, one of the finest plants of *Pteris tricolor* which have been yet exhibited; several plants of the handsome double-flowered *Petunia* called *inimitabilis flore-pleno;* a very pretty species of *Primula*, and a showy dwarf *Calandrinia*, resembling *umbellata:* both the latter from South Chili, and both commended by the Floral Committee at its meeting on the 9th inst. There were with the foregoing several other miscellaneous ornamental plants. Messrs. VEITCH also contributed three Wardian cases very tastefully filled with living plants.

Another group came from Messrs. HENDERSON & Co., Pine-Apple Place. This consisted of fine-foliaged plants, and included a good example of the purple-leaved Japanese Maple, *Acer*

polymorphum atropurpureum, a large *Drynaria Heracleum* (*morbillosa* of gardens), and several Caladiums and Palms.

A group from Messrs. J. & C. Lee, Hammersmith, consisting chiefly of foliage plants, included good examples of *Todea hymenophylloides* (*pellucida*), *Alocasia metallica*, *Caladium Belleymei* and *C. argyrites*, *Cordyline indivisa*, and the handsome *Polystichum vestitum venustum*, one of the most desirable evergreen greenhouse ferns.

Messrs. J. & J. Fraser, Lea Bridge Road, sent a very nice collection of stove and greenhouse plants, in flower. Amongst them were handsome specimens of *Kalosanthes punicea*; of *Roëlla ciliata*, the latter a beautiful dwarf shrubby plant now rarely seen; and of many other choice plants.

From Mr. W. Bull, F.R.H.S., came an extensive collection of miscellaneous plants, including many novelties. Amongst them were good examples of the three variegated Ferns—*Pteris tricolor*, *P. argyræa*, and *P. cretica albo-lineata*; some plants of the *Agathæa cœlestis fol. variegatis*, showing it to be, when naturally grown, a handsomely-marked variegated plant; several varieties of double-flowered and other continental varieties of Petunia; some new horse-shoe-leaved Pelargoniums; *Phalænopsis Schilleriana*, small, but showing its variegated character; the richly-coloured *Coleus Verschaffeltii*; *Gymnogramma pulchella ramosa*, an elegant branching sulphur-coloured fern; and various other fine-foliaged plants, generally of small size.

Mr. C. Turner, F.R.H.S., Slough, contributed some gay decorative objects, in the form of a collection of 18 capitally-bloomed small Fuchsias; a collection of 10 well-flowered Pelargoniums; a collection of 12 varieties of Petunias in pots; and stands of cut Pelargoniums, of Verbenas, and of Picotees and Carnations.

Mr. J. Standish, F.R.H.S., Bagshot, was a contributor, the large collection of Japanese shrubs recently sent to England by Mr. Fortune being again exhibited by him, along with other interesting plants, among which may be mentioned a fine *Todea hymenophylloides*, *Woodwardia orientalis*, and some other ferns; and two specimens of Ingram's Hardy Prolific Muscat Grape, admirably cultivated in pots.

There were from Mr. G. Smith, Tollington Nursery, Hornsey Road, a stand of 24 very fine cut Verbenas, amongst which Fireball, a vivid crimson-scarlet seedling; *striata perfecta*, a handsomely striped lilac kind; Madame Jourdier, a similarly marked red, and Fairest of the Fair, a beautiful white with small

purple-crimson eye, were conspicuous. Mr. SMITH also had a well-grown specimen of a Calceolaria called *canariensis*, which is one of the best dwarf yellow-flowered shrubby sorts for bedding purposes.

From Mr. G. WHEELER, Warminster, were some cut spikes of *Delphinium alopecuroides*, a new dwarf densely-flowered double hardy herbaceous Larkspur, which had received a First-class certificate from the Floral Committee on the preceding day.

Messrs. DOWNIE, LAIRD, & LAING, Sydenham and Edinburgh, showed a new branching intermediate scarlet Stock, very dwarf, double, and highly coloured,

Mr. W. DEAN, Bradford, Yorkshire, contributed *Hypolepis distans*, a graceful drooping finely-cut New Zealand fern, very suitable for basket culture in greenhouses. This had been commended on the day preceding by the Floral Committee. With it were shown some seedling Fancy Pansies.

From Messrs. PAUL & SON, Cheshunt, came a stand of good summer-blooming herbaceous Phloxes.

One of the most remarkable and meritorious exhibitions consisted of three pans filled with healthy plants of the rare and beautiful Cape orchid, *Disa grandiflora*, in exuberant growth, one flower stem having four expanded blossoms. These were shown from the garden of C. LEACH, Esq., Clapham Park, and very much admired.

M. GAINES, of Battersea, showed a group of Pelargoniums in considerable variety.

Mr. YOUNG, gardener to Viscount BARRINGTON, Beckett Park, Shrivenham, Berks, showed three magnificent bunches of Black Hamburgh Grapes, the united weight of which was 9¼ lbs. They were admirably swelled and finely coloured, and altogether first-rate examples of grape culture.

Mr. RODOLPHE HELBRONNER, of 265, Regent Street, contributed two very elegantly arranged groups of admirably executed artificial Paper Roses; others were shown by Mrs. HIGGINSON, of the Pantheon, Oxford Street; and from JOHN HAWES, Esq., 7, Adelphi Terrace, came a very handsome group of skeleton or anatomised leaves and seed-vessels.

There were shown on this occasion two sets of Mr. MARCH's decorations for the dinner-table, of the same design as those which gained Mr. DILKE's Special Prize on June 5th. The stands were now entirely filled with flowers and foliage, and had a very beautiful appearance. These flower-glasses are now

manufactured by Messrs. Dobson & Pearce, of 19, St. James's Street, by whom they were exhibited. These were accompanied by specimens of a smaller form of flower-glass suitable for small bouquets.

Mr. Philips, of 155, New Bond Street, sent a very effective group of garden ornaments in Majolica ware, consisting of seats, vases, pedestals, and flower-pots, all manufactured by Messrs. Minton & Co.

Mr. T. P. Casella, of 23, Hatton Garden, exhibited a collection of meteorological and other instruments.

Mr. Scowan, of Stoke Newington, brought specimens of his garden shades, which were set up on the Conservatory terrace. This is a simple contrivance for effecting a shade for garden seats or tables. They can be set up in a few minutes, and from their gay colours may be made very interesting objects in garden scenery.

On this occasion there was likewise displayed in one of the corridors facing the garden, Mr. Theed's series of statues and busts intended for the Wellington College: they will be allowed to remain in the garden until the end of this month.

A collection of photographic views taken in the garden during the past month, and a series of photographs of Roman views, which suggested the ideas from which some portions of the garden have sprung, as well as a series showing the gradual progress of the works and the marvellous rapidity of their execution, were exhibited in the Arcade adjoining the Council Room.

LXXXV.—AWARDS OF THE JUDGES AT THE ROSE SHOW, on July 10th, 1861.

Class 1. 96 Varieties. 1 Truss of each. (*Nurserymen.*)—1st Prize, J. Mitchell, Piltdown Nurseries, Maresfield, Sussex, 7*l.* 2nd Prize, John Keynes, Salisbury, 5*l.* 3rd Prize, Edwin Hollamby, Tonbridge Wells, 3*l.* 4th Prize, Messrs. Paul & Son, Old Cheshunt Nurseries, Herts, 2*l.* Extra Prize, Wm. Paul, Waltham Cross, N., 1*l.* 10*s.*

Class 2. 48 Varieties. 1 Truss of each. (*Nurserymen.*)—1st Prize, John Cranstone, King's Acre Nurseries, near Hereford, 4*l.* 2nd Prize, Benjamin R. Cant, Colchester, 3*l.* 3rd Prize, John Keynes, Salisbury, 2*l.* 4th Prize, R. Laing, Twickenham Nurseries, S.W., 1*l.* Extra Prizes, E. P. Francis, Hertford, 15*s.*; Edwin Hollamby, Tunbridge Wells, 15*s.*; Messrs. Paul & Son, Old Cheshunt Nurseries, Herts, 15*s.*; Charles Turner, Royal Nurseries, Slough, 15*s.*

Class 3. 24 Varieties. 3 Trusses of each. (*Nurserymen.*)—1st Prize,

John Keynes, Salisbury, 2*l.* 10*s.* 2nd Prize, Messrs. J. & J. Fraser, Lea Bridge Road, Leyton, Essex, 2*l.* 3rd Prize, R. Laing, Twickenham Nurseries, S.W., 1*l.* 10*s.* 4th Prize, John Cattell, Westerham, Kent, 1*l.* Extra Prize, Benjamin R. Cant, Colchester, 15*s.*

CLASS 4. 24 VARIETIES. 1 TRUSS OF EACH. (*Nurserymen.*)—1st Prize, John Keynes, Salisbury, 2*l.* 2nd Prize, Charles Turner, Royal Nurseries, Slough, 1*l.* 3rd Prize, John Cattell, Westerham, Kent, 10*s.* 4th Prize, Benjamin R. Cant, Colchester, 5*s.*

CLASS 5. 48 VARIETIES. 1 TRUSS OF EACH. (*Amateurs.*)—1st Prize, John T. Hedge, Reed Hall, Colchester, 6*l.* 2nd Prize, Miss L. Crawshay, Caversham Park, Reading, 4*l.* 3rd Prize, John Hollingworth, Maidstone, 3*l.* 4th Prize, Geo. T. Brush, gardener to Jos. Tritton, Esq., Norwood, 2*l.*

CLASS 6. 24 VARIETIES. 1 TRUSS OF EACH. (*Amateurs.*)—1st Prize, W. Corp, Milford, Salisbury, 4*l.* 2nd Prize, J. T. Hedge, Reed Hall, Colchester, 2*l.* 3rd Prize, A. Moffatt, gardener to Viscount Maynard, Dunmow, Essex. 1*l.* Equal Prize, Mr. Northington, Caversham Priory, near Reading, 1*l.* 4th Prize, W. Mercer, Esq., F.R.H.S., Grove House, Staplehurst, 10*s.*

CLASS 7. 18 VARIETIES. 1 TRUSS OF EACH. (*Amateurs.*)—1st Prize, Rev. W. F. Radclyffe, Rushton Rectory, Blandford, 3*l.* 2nd Prize, Mr. E. Moore, Horsell, near Woking, Surrey, 1*l.* 10*s.* 3rd Prize, J. T. Hedge, Reed Hall, Colchester, 1*l.* 4th Prize, Geo. T. Brush, gardener to Jos. Tritton, Esq., Norwood, S., 10*s.*

CLASS 8. 12 VARIETIES. 1 TRUSS OF EACH. (*Amateurs.*)—1st Prize, J. T. Hedge, Reed Hall, Colchester, 1*l.* 10*s.* Equal Prize, W. Corp, Milford, Salisbury, 1*l.* 10*s.* 2nd Prize, Rev. H. Helyar, Pendomer, Yeovil, 1*l.* 3rd Prize, Geo. T. Brush, gardener to Jos. Tritton, Esq., Norwood, S., 10*s.* 4th Prize, Rev. Mr. Child, Little Easton, Dunmow, Essex, 5*s.* Equal Prize, Mr. E. Moore, Horsell, near Woking, Surrey, 5*s.*

CLASS 9. 12 ROSES. 12 VARIETIES IN 13-INCH POTS. (*Open.*)—No competition.

CLASS 10. 50 ROSES. 12 VARIETIES IN 8-INCH POTS. (*Open.*)—2nd Prize, Charles Turner, Royal Nurseries, Slough, 4*l.*

CLASS 11. 20 NEW ROSES. 10 KINDS IN 8-INCH POTS. (*Open.*)—No competition.

CLASS 12. 12 NEW ROSES OF 1860–61. SINGLE TRUSSES, DISTINCT. (*Open.*)—1st Prize, Messrs. J. & J. Fraser, Nurserymen, Lea Bridge Road, Leyton, 2*l.* Equal Prize, Benjamin R. Cant, Nurseryman, Colchester, 2*l.* 2nd Prize, J. Standish, Royal Nurseries, Slough, 1*l.* 10*s.* 3rd Prize, John Keynes, Nurseryman, Salisbury, 1*l.*

CLASS 13. COLLECTION OF MOSS ROSES. SINGLE TRUSSES. (*Open.*)—1st Prize, Messrs. Paul & Son, Old Cheshunt Nurseries, Herts, 3*l.* 2nd Prize, Edwin Hollamby, Nurseryman, Tunbridge Wells, 2*l.*

CLASS 14. 18 TEA-SCENTED ROSES. SINGLE TRUSSES. (*Open.*)—No award given.

CLASS 15. DECORATED BASKET OR VASE OF ROSES. (*Open.*)—No competition.

CLASS 16. MISCELLANEOUS.—Extra Prizes, J. Veitch & Son, Nurserymen, Exetet and Chelsea, 1*l.* 10*s.*; J. Mitchell, Nurseryman, Maresfield, Sussex, 1*l.* 10*s.*; J. Standish, Royal Nurseries, Bagshot, 1*l.*; E. Hollamby, Nurseryman, Tunbridge Wells, 1*l.*

LXXXVI.—GENERAL MEETING, July 29, 1861.

A General Meeting of the Society was held on Monday, July 29th, in the Council Room at the Gardens, South Kensington, S. Holmes Godson, Esq., in the Chair, when the following candidates were balloted for and elected Fellows, viz.:—

Angell, Mrs., 35, Queen's Road, St. John's Wood, N.W.; and Overton Vicarage, Marlborough, Wilts.
Armitage, James, Esq., Farnley Hall, Leeds.
Aveland, The Lord, 12, Belgrave Square, S.W.; and Normanton Park, Stamford.
Barlow, Captain George, Conservative Club, St. James's, S.W.
Barron, Captain Wm., 99, Eaton Place, S.W.
Bazley, Mrs. Thomas (in place of her husband, previously elected).
Bell, Alexander, Esq., 16, Highbury Crescent, N.
Bennett, John, Esq., 50, Westbourne Park Villas, W.
Bernard, T. Tyringham, Esq., M.P., 35, Hans Place, Sloane Street, S.W.; and Wichendon Priory, Bucks.
Bidder, George Parker, Jun., Mrs., 7, Clarendon Road, Victoria Road, Kensington, W.
Camoys, The Lord, Stonor, Henley-on-Thames, Oxon.
Campbell, Mrs. Fitzroy (in place of her husband, previously elected).
Canterbury, The Viscount, 4, Bolton Row, May Fair, W.
Carlisle, Septimus E., Esq., 68, Jermyn Street, St. James's, S.W.
Chowne, J. A., Esq., 153, Westbourne Terrace, W.
Cockle, George, Esq., M.A., 8, Ovington Square, Brompton, S.W.
Cooper, Sir Daniel, 1, Cleveland Square, Hyde Park, W.
Cranstoun, The Lord, A2, The Albany, Piccadilly, W.; and Sandbridge Park, Torquay, Devon.
Curzon, The Viscount, M.P., 19, Portman Square, W.
Davis, Thomas, Esq., 18, Westbourne Street, Hyde Park, W.
De Bille, Torben, His Excellency, the Danish Minister, 13A, Upper Brook Street, Grosvenor Square, W.
Derby, Cobbett, Esq., 27, Great Cumberland Place, Hyde Park, W.
Draffen, Captain W. P., Holmbush, Southsea.
Drummond, George, Esq., 11, Wilton Crescent, Belgrave Square, S.W.
Dundas, The Rt. Hon. Sir David, M.P., 13, King's Bench Walk, Temple, E.C.
Ede, Francis, Esq., 40, Brompton Square, S.W.
Elwes, Captain Windsor C., 1, Elizabeth Street, Eaton Square, S.W.
Errington, Rowland, Esq., The Elms, Avenue Road, Regent's Park, N.W.; and Sandhoe House, Hexham.
Flower, P. W., Esq., Hill House, Tooting Common, S.
Foxhall, Miss Catherine, 9, Sumner Place, Onslow Square, S.W.
Giffard, Miss, 5, Clarges Street, Piccadilly, W.
Grey, Rear-Admiral The Hon. Sir F. W., 15, New Street, Spring Gardens, S.W.
Halswell, Edmund, Esq., 26, Kensington Gate, Hyde Park, W.
Hibberd, R., Esq., Bedford Lodge, Upper Norwood, S.
Hind, Colonel Charles, United Service Club, S.W.; and 18, Paragon, Bath.
Howes, J. G., Esq., 45, Hamilton Terrace, St. John's Wood, N.W.
Ibbotson, Rev. Charles, 26, Bury Street, St. James's, S.W.

Jodrell, F. C., Esq., Yeardesley Hall, Whaley Bridge, Cheshire.
Kinnoull, The Countess of, 23, Rutland Gate, Hyde Park, S.W.
Lampson, C. M., Esq., Rowfant, Worth, Sussex.
Martin, F. Pitney B., Esq., M.A., 14, Bruton Street, Berkeley Square, W.
Molyneux, Captain W. H., R.N., 42, Queen's Gate Terrace, South Kensington, W.
Murray, Miss, 23, Alfred Place West, Thurloe Square, Brompton, S.W.
Musurus Bey, His Excellency, the Turkish Ambassador, 1, Bryanston Square, W.
Northampton, The Marquis of, F.L.S., 145, Piccadilly, W.; and Castle-Ashby, Northampton.
Ollivier, Mrs. W. H., 26, Hereford Square, Brompton, S.W.
Oxley, Wm., Esq., Underscar, Keswick, Windermere.
Parry, Major F. J. Sidney, F.L.S., 18, Onslow Square, Brompton, S.W.
Rodewald, Frederick, Esq., 4, Victoria Road, Clapham Common, S.
Roe, Lady, 96, Piccadilly, W.
Sefton, The Earl of, 53, Grosvenor Place, S.W.
Smith, John, Esq., Tudor House, Grove Lane, Camberwell, S.
Stanhope, J. Banks, Esq., M.P., Revesby Abbey, Horncastle, Lincolnshire.
Surtees, H. E., Esq., Army and Navy Club, St. James's Square, S.W.
Talbot, The Hon. and Rev. W. C., Hatfield, Herts.
Taylor, T. Travers, Esq., 78, Ebury Street, Chester Square, S.W.
Thomas, Mr. Charles, Cranmers, Mitcham, Surrey.
Thompson, S. H., Esq., Thingwall Hall, Liverpool.
Torrington, The Viscount, 4, Warwick Square, Pimlico, S.W.; and Yates Court, Mereworth, Kent.
Waters, R. E. Chester, Esq., 30, Chester Square, S.W.
Webber, Charles, Esq., 37, Arundel Square, Barnsbury Park, Islington, N.

LXXXVII.—MISSION OF COLLECTOR TO BRAZIL

A small box of plants has been received from Mr. Weir, consisting of Seeds, Roots, and Tubers, which have arrived in tolerably fair condition. Some of them were dead; but what seem the most valuable are alive.

In his letter (dated Rio de Janeiro, July 8, 1861) announcing the consignment, Mr. Weir says:—

"By the packet leaving here to-morrow I send a box containing a few plants collected since I last wrote you. The plants consist chiefly of Cattleyas; but there are also a few fine-foliaged things. Some of them are perhaps in cultivation already; but I send them by way of experiment, in order to learn whether such things will go home packed in close boxes, the more especially as such things almost always grow in the thickest parts of the forest, where they rarely flower, and still more rarely perfect seeds. Others of the plants are not in cultivation, so far as I am aware, particularly No. 13, which is a very beautiful plant when growing.

"I inclose a list of the contents of the box, with a few remarks on each plant, their localities, &c., and also a leaf or fragment of some of the plants."

The list is as follows:—

"The numbers on the labels correspond with those on dried specimens of the plants hereafter to be forwarded. The plants of which I have no dried specimens are marked P:—

	Labelled.	
"1.	P 1.	A number of plants of a Cattleya. It grows on trees in the Sierra dos Mendos, at an elevation of between 2000 and 3000 feet.
"2.	P 2.	Three plants of a Cattleya, from the Tejuca Hills. It grows on trees. This may be the same as the last species; their name I cannot tell, not having seen them in flower. (21 *pieces alive*, 10 *dead*.)
"3.	P 3.	One plant of an Orchid, from the same locality as the last. It was growing on a rock.
"4.	P 4.	A few plants, *Physurus argenteus*.
"5.	No. 1.	Seeds of a shrub about 4 feet high, from Tejuca. It bears numerous clusters of bright blue berries, about the size of large peas. (3 *packets*.)
"6	No. 2.	Seeds of a Melastomaceous shrub, from Tejuca Hills. It grows 5 or 6 feet high, and bears large purple flowers. (3 *packets*.)
"7.	No. 4.	Seeds of a Fern (*Adiantum* sp.) from Tejuca. (1 *packet*.)
"8.	No. 11.	Plant growing about a foot high, with ovate lanceolate leaves, dark green on the upper side, with a silvery blotch down the middle. From the Sierra dos Mendos. Elevation, 2500 feet.
"9.	No. 12.	Nearly like the last, but growing higher, and with longer and narrower leaves.
"10.	No 13.	Tubers or fleshy roots of a trailing Herbaceous plant, with cordate serrate leaves, acuminate at the apex, and on the upper side of a beautiful dark velvety-green tinged with purple, and with silvery stripes along the midrib and veins. On the under side they

are purple.—I only saw a few plants of this: they were growing together in a forest about 3 or 4 miles from the river Parahyba, covering some prostrate bamboos, over which they were scrambling with their very beautiful foliage. (*In good condition, and already starting into growth.*)

" 11. No. 20. Plants of a shrub about 3 feet high. The leaves are lanceolate, or oblong lanceolate, regularly striped along the midrib and primary veins with white. From the Sierra dos Mendos. Elevation, 2500 feet.

" 12. No. 14. Creeping *Trichomanes*, from the Sierra dos Mendos. In the moister parts of the forests this clothes the lower parts of the trunks of the trees with a drapery of its delicate fronds.

" 13. No. 15. Another creeping Fern, from the same localities as the last.—I send these two Ferns by way of experiment, but I doubt whether they will reach home alive." (*Dead.*)

LXXXVIII.—REPORT OF THE FRUIT COMMITTEE, AUG. 13TH, 1861.

The Fruit Committee met, Mr. EDMONDS in the chair.

A branch of Pinus pinaster was received from THOMAS BROADWOOD, Esq., of Holmbush, near Crawley, bearing a cluster containing 17 large full-grown cones.

A collection of Grapes was received from the Society's Garden at Chiswick, which consisted of the following, and which were all from Vines grown in pots, in a pit heated with hot water:—

Early White Malvasia and **Burchardt's Amber Cluster**:—These proved to be synonymous. When the latter variety fruited in the Garden during the past two seasons, the Early White Malvasia was not in the collection, and as it could not be identified, it was supposed to be a distinct sort. After a close comparison this season there can be no doubt that the two are perfectly identical. There is every appearance that **Farly Kienzheim** will also prove synonymous with Early White Malvasia.

Smith's Sweetwater :—This is not exactly a Sweetwater, but a form of Royal Muscadine, to which it bears a considerable resemblance. It seemed, however, to differ from Royal Muscadine grown along with it, and was particularly rich in flavour, while the latter was comparatively deficient in that respect.

Stillward's Sweetwater is a true Sweetwater, with a good-sized cylindrical, well-set bunch, with large transparent-skinned berries. This was compared with **Chasselas Vibert**, which is so like it as not to be known apart; the latter, however, is firmer and more crackling in the flesh than Stillward's Sweetwater, but decidedly inferior to it in flavour.

Foster's White Seedling is a fine grape, with a large showy bunch, well set with rather large roundish-oval berries, and is quite distinct in character from either the Royal Muscadine or the Sweetwater. As an early grape it ripens with the Royal Muscadine, and is of first-rate quality.

Crimean Grape, from a vine presented to the Garden by Mr. Moore, of Chelsea, was not quite ripe.

A white Grape from a vine presented by Mr. Whiting, of the Deepdene, and named **Syrian**, proved to be very different from that variety, and had more the appearance of the White Lisbon imported from Portugal during the winter months. The fruit is large and white, with a transparent skin, showing the texture of the flesh below. The flesh is firm and crackling, watery, and sweet.

Morisca preta :—A small round black grape, and a small bunch. The flavour is sweet, but the grape possesses no merit.

Muscat St. Laurent, and **Muscat Ottonel**, are two very small-bunched and small-berried Muscat grapes. They have the full Muscat flavour, but the flesh becomes mealy, and neither of them has any merit besides earliness. They ripen before either the Royal Muscadine or the Sweetwater, and in the opinion of the Committee are not worthy of cultivation, except as objects of curiosity. Being so early, might they not ripen out of doors against a wall as freely as Black Cluster, or the Sweetwater?

Muscat Hamburgh :—There was a very good bunch of this variety, and the berries were both well developed and well coloured. The great fault that has been found with it as grown in the Garden in pots is, that a large proportion of the berries are undeveloped. In this case, however, they were not so, and were of good size, rich in flavour, and with a very marked Muscat aroma.

A Seedling Grape was received from Mr. WILLIAM THOMSON, gardener to his Grace the DUKE OF BUCCLEUGH, Dalkeith Palace, accompanied by the following communication :—

The Gardens, Dalkeith Park,
August 10*th*, 1861.

Dear Sir,—I this day send on a small box addressed to you, containing a bunch of Grapes, and a leaf of the vine that has borne it, for submission to the Fruit Committee of the Royal Horticultural Society. The vine is a seedling I raised from the seed of a berry of the Muscat of Alexandria, crossed with the pollen of Chasselas Musqué in the year 1859; in March, 1860, I sowed the seed, consequently the vine is only 18 months from seed when the bunch is cut. Last year the vine had all the appearance of being a pure Muscat, and when it broke into leaf this year, I felt certain the cross had not taken effect, and when the berries were set I did not feel certain that it was far removed from the Muscat, and thinned the bunches more than they ought to have been, which gives the bunch a less compact appearance than it otherwise would have presented. The bunch I send is one of two on the same branch. The vine—though not stronger in spring than a straw—has borne six bunches; they are, as you will observe ripe, while in the same house—which has only had an occasional fire at it during cold weather—the Golden Hamburgh will not be ripe for a month, the Black Prince just beginning to change colour, and both Bowood and Common Muscats are quite green. Many gardeners who have tasted the grape here this month think it combines the Muscat and Chasselas Musqué flavours, but of this your Committee will be the proper judges.

I am, yours truly,
W. THOMSON.

To DR. HOGG.

The bunch sent by Mr. THOMSON was nine inches long, of a long tapering shape, well set, and not shouldered. The berries were quite small, round, of a pale greenish colour, and covered with a thin bloom. The flesh tender, juicy, rich, and sugary, with a fine piquancy, and with a distinct trace of the Muscat aroma, but not so strong as in Chasselas Musqué, or the Frontignans. The Committee were of opinion that the flavour of the grape was excellent, but that the berries were too small, evidently arising from the young and feeble state of the vine, and from so small a plant having borne so many bunches. They recommend Mr. THOMSON to exhibit the fruit again next year, after the plant has attained more vigour, and has been grown under more advantageous circumstances.

Two bunches of a new white grape were sent by Mr. H. CONSTANTINE, gardener to C. MILLS, Esq., Hillingdon Court, with the following communication :—

Hillingdon Court Gardens.

A cutting of this vine was given to me in 1857 by Mrs. Mills, under the name of *Chavoush*. It had been sent from Bithynia, Asia Minor—and was said to be the best grape that the Sultan had at his table. It is a strong

grower, and very free bearer, bearing well under pot culture. It requires about a fortnight longer than the Black Hamburgh to ripen; but does not require the heat which the Muscat does to ripen it.

H. CONSTANTINE.

The large bunch exhibited was nine inches and a half long, tapering, very well set, and with one large shoulder. The berries are large long-oval; the skin is of a fine light-amber colour, thin, and adhering close to the flesh, which is rather firm, juicy, rich, and highly flavoured. The bunch is very showy, and will prove a valuable addition to our collections of large-bunched white grapes. It was unanimously awarded a FIRST-CLASS CERTIFICATE.

A Seedling Peach, called **Early Victoria**, was received from Mr. THOMAS RIVERS, of Sawbridgeworth, along with the following communication:—

Sawbridgeworth (Monday Morning),
August 12*th*, 1861.

Dear Sir,—Enclosed I send you four fruit of a seedling peach, which I have this moment gathered from the parent tree raised from a stone of the Early York Peach in 1854.

I think I remember placing two or three fruit of this sort before the Committee in 1859, which at that time met in the room at the Gardens, Chiswick. It was thought highly of, and was thought worthy of a name, but I declined naming it then, wishing to give it a further trial. It has hitherto proved the earliest of all, except the Red Nutmeg, which it promptly succeeds. This season it commenced to ripen on the 5th inst., or about a week earlier than its parent, the Early York, and this has for four years (namely, from 1858 when it first gave me fruit to the present time) been its tendency, with the exception of 1858, when in common with very young seedling peach trees (as I find from experience*), it ripened its fruit very early, and quite ten days before its parent.

It has large flowers, serrated leaves, and a habit robust and vigorous in the extreme, being with the Early York the only sort that was not killed last winter in the open quarters where the frost was most severe—from 4° to 6° below zero.

If thought worthy of a name, I propose the Early Victoria, but am open to correction. Enclosed with the Seedling are fruit of

Early York Peach,
Petite Mignonne Peach,
Early Ann Peach,

all growing in the same house, and alongside of the seedling.

As a curiosity, and to show how true, or nearly so, it comes from seed, I enclose a small branch from a Seedling Nectarine.

I am, dear sir, yours truly,

To DR. HOGG.

THOMAS RIVERS.

* I am writing for the rail and in a hurry; but I mean that seedling peach trees ripen their *first* crop earlier than in after years; this may be owing to my trees always fruiting the first time in No. 16 pots.

The fruit was about medium-size, pale yellow on the shaded side, and dark dull maroon on the side next the sun. The flavour was most delicious, and the fruit was highly approved by the Committee as a variety for orchard house cultivation, but they suspended judgment upon it as an out-door variety, until it had been grown against a wall in the open air. It was much superior to the three varieties that accompanied it.

Mr. Rivers also exhibited a Seedling Nectarine, raised from Fairchild's, which proved to be exactly like its parent, but apparently not so early, as it was unripe.

Mr. Meyers, of Boston Road, Brentford, exhibited specimens of Bemposta apple, a Spanish variety, of which large quantities are now exposed for sale in the markets, imported from the Peninsula.

Mr. John Newton, gardener to F. G. Graham, Esq., East Lodge, Enfield Chase, exhibited specimens of Irish Peach Apple.

LXXXIX.—NOTE ON REEVE'S ECLIPSE STRAWBERRY.

By Robert Hogg, LL.D., F.L.S., *Secretary to the Fruit Committee.*

This excellent Strawberry was raised by Mr. Willis Reeve, of Apton Hall, Canewdon, near Rochford, Essex, in 1855, and was obtained from seed of *Myatt's Surprise*, fertilised by *Keens' Seedling.* In 1860 Mr. Reeve sent a supply of plants to the Society, and these were planted in the collection in the Garden at Chiswick, where the following observations were made:—

The plant is strong and vigorous, producing abundant healthy foliage of a dark green colour, the leafstalks of which are covered with dense spreading hairs. Leaflets obovate, bluntly serrated, smooth above, and pale silvery-green and pubescent beneath. Scape from 4 to 6 inches long, and bearing from 7 to 10 fully-developed fruit on long slender pedicels. Fruit large, generally conical, or inclining to ovate, but the largest specimens assume a cockscomb shape; neck distinct and glossy, not so long as in the *Old Pine.* The seeds are small, and neither very prominent nor very deeply imbedded. Skin bright glossy red, as if varnished. Flesh firm and solid, white throughout, slightly hollow round the core, caused by its absorption, of a rich brisk flavour, and a fine Pine aroma.

As a forcing Strawberry, this variety takes the first rank. Forced Strawberries generally are void of flavour, and exhibit a predominance of acidity; but this has all the richness of flavour of the *Old Pine*, and, unlike that variety, is a very profuse bearer. The fruit colours equally all over, and does not exhibit the unripe point that the *British Queen* does. *Eclipse* has received the First-Class Certificate of the Fruit Committee as a Forcing Strawberry, and also the recommendation of being one of the best and most prolific for outdoor cultivation.

XC.—REPORTS OF THE FLORAL COMMITTEE.

(*Continued from p.* 633.)

July 23, 1861.—*The* Rev. JOSHUA DIX, F.R.H.S., *in the Chair.*

The Meeting of the Committee was, on this occasion, held in the Garden at Chiswick, and was principally occupied in the examination of the trial plants, which will be reported on hereafter.

The following subjects were exhibited for awards:—

Picotees: from Mr. C. TURNER, F.R.H.S., Slough.—**Flower of the Day**, a full-sized finely-marked heavy-edged rose or scarlet, of excellent form, with large smooth petals, the brightest and best of its class; and **Rosy Circle**, a light-edged rose, also of fine form, a constant delicate flower, with uniform wire edge. These both received FIRST-CLASS CERTIFICATES. **Mrs. Hole**, a pretty light-edged red, of good properties, having fine smooth petals, was COMMENDED.

MR. TURNER also exhibited several other Picotees, namely:—**Lady Elcho**, a light-edged purple, with smooth stout petals, and a variety of vigorous habit; **Advance**, a light-edged purple, full and constant; **Lady S. Annesley**, a very heavy red-edged sort, with dark solid margin; **Favourite**, a medium-edged purple, full, the white good; **Mr. Varley**, a heavy-edged red, rather rough and coarse, but showy.

Amaranthus melancholicus ruber:—from Messrs. VEITCH & SON, Exeter and Chelsea. This had been received from Japan, whence it had been sent by Mr. J. G. VEITCH, F.R.H.S., in a collection along with the various forms grown as *A. bicolor* and *tricolor* in gardens, including the handsomely-coloured form known

as *A. tricolor splendidissimus*, in which the leaves are marked in transverse sections, with brilliant tints of yellow, red, and green. All these have the leaves more or less lance-shaped; and the finer-coloured plants, among which considerable variety of colouring occurs, are among the most beautiful of tender annuals. That now particularly noticed, selected from the collection already referred to, was of an uniform deep sanguineous purple, and the leaves were broad, short, and rounded in outline, so as to become almost bluntly heart-shaped, but with a slightly tapered base. It was COMMENDED for its distinct aspect and finely-coloured leaves.

Pelargonium (*zonale*) **Firefly**:—from MR. G. SMITH, Tollington Nursery, Hornsey Road. This variety had the habit of *Baron Hugel*, but bore much finer flower-heads. It was remarkably dwarf, compact, and short-jointed, with small leaves marked with a distinct but not very deeply-coloured horse-shoe or zone; and the flowers, which were very abundantly produced on long stout stalks, in large trusses, were of an orange-scarlet colour. It was compared with *Scarlet Queen*, growing in the experimental garden, and was found to bear finer trusses of bloom, though somewhat less distinctly marked in the foliage. It was COMMENDED.

Balsams:—from Messrs. F. & A. SMITH, Dulwich. A collection of small plants, well bloomed, and remarkable for the superior quality of the large full double blossoms, which were varied in colour. The collection was awarded a SPECIAL CERTIFICATE, on account of the fine quality of the flowers.

The remaining exhibitions were:—

Coleus Verschaffeltii:—from Mr. W. BULL, F.R.H.S. This, together with **Aralia Duncani** (misprinted "Azalia" at p. 620), **Begonia keramis, Calamus micrantha,** a Javanese Palm, and **Calceolaria Sparkler,** had been shown on former occasions, and are already noticed at pp. 620, 630.

Maranta orbifolia:—from Mr. W. BULL. A fine Brazilian stove perennial, the leaves of which were remarkably short, broad, and rounded.

Petunia Le Noir Imperial:—from Mr. W. BULL. A large double-flowered purple variety of showy character.

French Poppies:—from Messrs. HOOPER & Co., Covent Garden. A collection of cut blooms of improved dwarf double varieties, which were of varied colours, and very bright and showy.

Nemophila atomaria oculata:—from Mr. W. THOMPSON,

Ipswich. These were cut specimens of a pretty annual, which was rather past its season, and they had travelled badly. The plants growing at the Garden were, moreover, not in a thriving state. In this variety the flowers are of a light or grayish-blue, and are marked towards the base of each petal with a large black spot or blotch, so that it is very pretty and effective when seen growing under favourable circumstances.

Pelargonium (*zonale*) **Comet**:—from Mr. J. Dawson, Nurseryman, Grosvenor Park, Camberwell. This was a variety of vigorous habit, with well-marked marbled foliage, and large heads of cerise-scarlet flowers without particular merit.

Variegated Pelargonium Maud:—from Mr. J. Dawson. This was not in flower. The foliage was cream-edged, marked with a red zone, but was not sufficiently distinct.

Calceolaria Golden Treasure:—from Mr. C. Grimbly, Albion Nursery, Stoke Newington. A semi-herbaceous variety, with large yellow flowers marked with a reddish blotch.

Lobelia ramosa, *var.*:—from the Garden of the Society. Seeds of this *Lobelia*, from Champion Bay, West Australia, had been presented by H. Pownall, Esq., F.R.H.S. It was a dwarf compactly-branched annual, with large showy flowers resembling those of *L. ramosa* in form, but of a violet-blue, with a yellow eye, and was evidently a pretty addition to this class of plants.

August 13.—*The* Rev. Joshua Dix, F.R.H.S., *in the Chair.*

The subjects exhibited on this occasion were the following:—

Mutisia decurrens:—from Messrs. Veitch & Son, Exeter and Chelsea. A climbing evergreen perennial, with narrowish leaves tapering towards the point, which ends in a tendril, and broad and decurrent at the base, appearing thus to be arrow-shaped and set on to the stem by the basal sinus. The plant bears large bright orange composite flower-heads, with a single row of ray florets, like some large *Gazania*, but without black spots. Messrs. Veitch stated that this was from the Chilian Andes, and that it was a perfectly hardy climber, having stood out through the last winter without protection, and borne without injury 26° of frost. It was awarded a First-Class Certificate.

Athyrium Filix-fœmina, *var.* **Frizelliæ**:—from Mr. W. Bull, F.R.H.S., Chelsea. This was one of the most remarkable of all the many singular variations of the Lady Fern now known to fern connoisseurs. The entire frond was reduced to a long narrow form,

less than an inch in width, and consisted only of small fan-shaped pinnæ set along each side of the rachis. Except in being a little stouter in the rachis, and consequently stiffer in habit, the plant was not very different *in appearance* from the New Holland *Asplenium flabellifolium*, but it was truly a form of the Lady Fern, and was found a few years since in Ireland by Miss Frizzel, after whom it is named. It was distributed from the Dublin College Botanic Garden. This received a FIRST-CLASS CERTIFICATE, to which it was entitled both on account of its singularity and elegance.

Convolvulus mauritanicus:—from Messrs. E. G. HENDERSON & SON, St. John's Wood. A very pretty dwarf trailing plant, with slender hairy stems, small oblong-oval hairy leaves, and pale violet blue flowers an inch in diameter, freely produced from the axils of the leaves. It is well adapted for suspended baskets, and is also a neat-habited profuse flowering plant for the garden: for which qualities it was COMMENDED.

There were also exhibited:—

Calceolaria suavis:—from Messrs. VEITCH & SON. A curious and pretty dwarf herbaceous perennial, "probably hardy," introduced from the Andes of Chili. It had oblong elliptic leaves covered with close white woolly hairs, and the flower stems grew about a foot high, bearing numerous moderate-sized light purple flowers prettily spotted, the yellow throat being also spotted; they were very sweet-scented. It may be a pale variety of *C. arachnoidea*.

Amaranthus melancholicus ruber:—from Messrs. VEITCH & SON. This was exhibited at the previous meeting and was then Commended. Messrs. VEITCH now suggested that it would form a useful plant for the edging of beds in flower gardens, being of a dwarf compact habit, and having clear bright-coloured reddish-purple foliage, superior in colour to the *Perilla*. They also stated that planted in the open ground, it was brighter in colour, and finer than when grown in pots; and a sufficient number was now sent to show its effect when placed in a line. The Committee thought it likely to be a useful plant for the purpose thus indicated, being distinct in colour from the *Perilla*.

Bidens humilis:—from Messrs. VEITCH & SON. A dwarf and much branched subshrubby plant, from Peru; a perennial, and "probably hardy." It had small bipinnatisected, or tri-pinnatisected leaves of triangular outline, with small pointed ultimate segments, and bears successional flower heads of a bright

yellow, about an inch and a half across, with a ray of broad bluntish florets. In its present state it was hardly effective enough for bedding purposes, for which its habit however seemed well adapted.

Caladiums:—from Mr. BULL: **Schœlleri** with unequal cordate leaves, narrowed and elongated to a point, and marked with a greenish white midrib, from which a pair of similarly coloured main veins branch out laterally; **cupreum,** a dull bronzy sort; and **Baraquinii,** one of the fine red-stained forms.

Begonia:—from Capt. R. TREVOR CLARKE, F.R.H.S. This was a hybrid stated to have been raised many years ago between *Begonia cinnabarina*, and a clear rose-coloured fragrant sort nearly allied to it; both of which were imported in the same consignment, and introduced by Capt. Clarke about 1840. The introduction of *B. cinnabarina*, Capt. Clarke stated, was attributed by some strange mistake in the '*Botanical Register*' to Mr. Bridges (by seed), but the plant figured was one of his own, which had been given to Mr. Henderson of Pineapple Place. With the *Begonia* Capt. Clarke sent "a female truss of bloom from the true *B. cinnabarina*, *Solanum amazonicum*, and a leaf of *Richardia*, all three growing in the open air with bottom heat;" besides a bouquet of Mule Pinks obtained from *D. Heddewigii*, crossed by Sweet William. The *Begonia* was brighter in colour than its parent, and was thought to be a highly promising hybrid, of which it was requested that a growing plant might be shown hereafter.

Scrophularia nodosa variegata:—from Mr. G. COOPER, gardener to His Grace the ARCHBISHOP of ARMAGH at the Palace, Armagh. This had the ovate-oblong obtuse leaves broadly edged with white, forming a distinct and effective variegation. Mr. COOPER stated that it was a hardy plant of easy cultivation, very useful for edgings to beds of scarlet geraniums, and as lines in ribbon borders. "I have used it," he wrote, "for the above-named purposes for the last three years, and find it to be the most effective plant with which I am acquainted. Its leaves match those of the geranium for size, and set off the scarlet flowers so well that the effect is pleasing in the extreme, particularly with such varieties as *Cottage Maid*, and others with dark horse-shoe foliage. It looks well in all weathers, and neither extreme wet nor extreme dryness affect it in the least, as was satisfactorily proved in the years 1859 and 1860. It holds on its good appearance far into the winter, looking well from the

middle or end of April to December. It will be found very useful to those who have but little time to propagate, and little room to winter bedding plants, as it can be kept without either labour, protection, or care. The treatment I have given it is this:—I leave it in the ground through the winter undisturbed, in the same place where it grew the previous summer. Then, in the month of May, when the bedding plants are being planted out, I take it up and divide it into as many pieces as there are sprouts to each stool, and plant it where it is intended to remain. The points of the shoots are pinched off once or twice during the season, and no further care is required until the planting season comes round again."

There was besides a considerable display of varieties of Florists' flowers, among which the following received awards;—

Hollyhock Stanstead Rival:—from Messrs. DOWNIE LAIRD & LAING, Sydenham and Edinburgh. A fine salmon-rose, with large flowers, full, and entirely without pockets. It received a FIRST-CLASS CERTIFICATE.

Hollyhock George Keith:—from Messrs. DOWNIE LAIRD & LAING. A full large light crimson, awarded a FIRST-CLASS CERTIFICATE.

Hollyhock Joshua Clark:—from Mr. W. CHATER, Saffron Walden. A fine light crimson of excellent properties, which was awarded a FIRST-CLASS CERTIFICATE.

Hollyhock Lady H. St. Clair:—from Messrs. DOWNIE LAIRD & LAING. A fine large blush, which was COMMENDED.

Dahlia Cygnet:—from Mr. TURNER, F.R.H.S., Slough. A rather small flower, but regularly built, of a deep blush, paler in the undeveloped centre. This was COMMENDED.

Dahlia Una:—from Mr. TURNER. A blush-white tipped with rosy-purple, of good general outline, but rather sunk at the eye. COMMENDED.

Dahlia Bob Ridley:—from Mr. TURNER. A maroon crimson, full and of fair outline, but rather rough. COMMENDED.

Dahlia Minnie Dodds: — from Mr. DODDS, Salisbury. A shaded rosy-lilac, paler at the base of the florets, of medium size and depth, rather deficient in the centre. COMMENDED.

Dahlia L'Etoile:—from Mr. KEYNES, F.R.H.S., Salisbury. A white striped distinctly with purple; rather large in the florets, but COMMENDED as a decorative variety.

Fuchsia Hugh Mollon (*Mollon*):—from Messrs. VEITCH & SON,

Exeter and Chelsea. This was a variety of very distinct aspect, the flowers of which had a slender pale pink tube, an inch and a quarter long and narrowing from just above the base, long pointed sepals an inch and three quarters long and half an inch broad, and a large prominent reddish-purple corolla. The plant was of free and vigorous yet dwarfish habit, with serrated foliage, and a profuse bloomer. It was COMMENDED as a decorative plant, on account of the large size and profusion of its distinct-looking handsome flowers.

Gladiolus striatus formosissimus:—from Mr. STANDISH, F.R.H.S., Bagshot. A blush white, striped abundantly and irregularly with bright crimson purple. It was COMMENDED for its marking.

Other subjects of this class exhibited on this occasion were:—

Petunias:—from Mr. TURNER: **Radiata,** a white ground marked with five radiate bars of rosy-purple in the way of *Mrs. Ferguson*, to which it was thought to be inferior in point of constancy as regards the regularity of the marking.—From Mr. HOLLAND, gardener to R. W. PEAKE, Esq., Spring Grove, Isleworth: **Rosea alba,** a rather pretty light rose-purple with white eye, the lobes of the corolla pointed; **Magnum Bonum,** similar in colour, and also having pointed lobes, but larger and more irregular in form; **Mrs. Eyles,** light rose-purple with white eye, small, with the lobes rounded; **Little Gem,** a striped or barred sort, inferior to Radiata above mentioned.—From Mrs. CONWAY, Brompton: **Blanche,** a pointed-lobed blush white.

Dahlias:—from Mr. COOK, Notting Hill: **Mary Ann,** a variety with the flower heads borne on long stalks, rather small but full and even, the edges of the florets somewhat recurved, but most remarkable for the richness and brilliancy of its crimson-scarlet, on which account it must be highly decorative.—From Mr. KEYNES: **Purple King,** deep shaded purple; **Imperial Purple,** purple; **Bellona,** purplish shaded lilac, with the backs of the florets darker; **Goldfinder,** yellow with faint red tips, and rather large in the florets; **Mrs. Crisp,** maroon tipped with white; **Maria Carter,** white with heavy tip of deep crimson; **Oscar** (*Addis*), crimson, with small confused florets; **Maid of Bath** (*Hooper*), white with slight purple tip, deep and symmetrical, but rather sunk at the eye.—From Mr. DODDS: **Lady Herbert of Lea,** deep rosy lilac, symmetrical in arrangement.—From Mr. HOPKINS, Brentford: **Comet,** dull light red.—From

Mr. Green, High Cross, Ware: **Variabilis,** shaded purple, uneven.—From Mr. Turner: **Fairy,** a rather small bright yellow, slightly tipped with red; **Blondin,** dull red, below medium size; **John Spencer,** shaded crimson, of average size, a variety of beautiful general aspect from its depth and the symmetrical arrangement of its petals, but having a faulty eye; **Duchess of Wellington,** blush white with bright rose tips, faulty in the eye.

Gladiolus:—from Mr. Standish, F.R.H.S., Bagshot: **Rev. Joshua Dix,** a very fine brilliant orange scarlet, which had received last season a first-class certificate, an award which it now fully justified; **Herr Rosenberg,** a deep rosy carmine, already commended; **Mrs. Moore,** salmon colour with a creamy centre, and well-formed.—From Messrs. Paul & Son, Cheshunt: a collection of cut spikes of older named sorts.

Zinnia elegans:—from Mr. White, Woodlands, Isleworth. A stand of various coloured varieties of this fine annual flower.

Hollyhocks:—from Messrs. Downie Laird & Laing: **Lady Dacre,** a pale salmon-tinted sort; **Mrs. Downie,** a pale buff yellow; and **Pink Queen,** a large and very handsome bright rosy pink.—From Mr. Bragg, Slough: **Hon. Mrs. Gerald Wellesley,** a fine deep rose-pink; **Royal Standard, Mr. Broadwater,** and **The Welcome Guest,** the latter a faint blush; also **Reine Blanche,** and **Yellow Defiance,** two named sorts.—From Mr. W. Chater, Saffron Walden: a collection of 12 named sorts; also, of seedlings, **Invincible,** a very fine salmony buff, of excellent quality, but somewhat resembling *Standard*, a variety raised several years since; **Mrs. Fyson,** a fine and distinct rosy-lilac, or mauve colour; **Cloth of Silver,** white with lilac base; **Agenora,** light purplish rose; **Standard Bearer**; **Augusta Bland,** a clear blush, rather small, but neat and pretty; **Miss Lizzie King,** pale buff-tinged primrose; **Glory of Walden,** a fine light crimson; **Imperial,** a deep crimson, rather flat and irregular but fine in colour; **Rosa magniflora,** deep rose; **Advancer,** mottled lilac; **Carminata splendens,** a fine bright carmine rose; **Halcyon,** rose pink; **Vestal,** large blush. These were all varieties of showy character.—From Messrs. Paul & Son, Cheshunt: a large collection of blooms of named sorts.

Lobelias:—from Mr. Kinghorn, Richmond: **Purple Standard,** a free blooming purple, certificated last year, scarcely sustaining the award then given; **Mars,** a very large-flowered showy scarlet, remarkable for the breadth of the lower segments of the corolla.

Verbena Mistress:—from Mrs. Conway, Brompton: pink with crimson eye.

Variegated Pelargonium Sunshine: — from Mr. Hally, F.R.H.S., Blackheath. The leaves of this were broadly silver-edged, and zoned with red; the flowers scarlet. It was stated to be a seedling from *Aurora* crossed with *Burning Bush*. Mr. Hally also showed several unbloomed seedlings of 1861, some of which had prettily marked leaves zoned with red; they were named respectively — **L'Allegro, Mirth, Zephyr, Vermilion, Euphrosyne,** and **Versicolor.**

Pelargonium (*zonale*) **Marie Thiéry**:—from Messrs. Veitch & Son. One of the varieties with horse-shoe foliage, and salmon-coloured flowers edged with white; the latter were produced in large trusses.

Fuchsia Virgin Queen (*Mollon*):—from Messrs. Veitch & Son. A variety with short-tubed large flowers, having a white tube, and deep purple-crimson corolla.

Antirrhinums:—from Messrs. Downie & Co. A collection of cut blooms of numerous unnamed seedlings.

Verbenas:—from Mr. Turner. A collection of cut trusses of twenty-four varieties, in very fine condition. A Special Certificate was awarded.

Phloxes:—from Mr. Turner. A collection of cut panicles of twelve fine named sorts.

August 27th, 1861.—Dr. Bushell *in the Chair.*

The various subjects of exhibition were as follows:—

Anæctochilus Bullenii:—from Messrs. Low & Co., Clapton. This, which was a beautiful and distinct form of a very handsome family, had been collected on the west of Borneo, by Hugh Low, Jun., Esq., and had been but a few days in this country. The leaves were small, ovate-lanceolate in form, the surface of a dark bronze-green ground colour, marked with three longitudinal bold distinct stripes of coppery-red. It was awarded a First-Class Certificate.

"**Arthrobotrya articulata**:"—from Messrs. Low & Co. This had been already exhibited soon after its importation from Borneo, and when in a much less developed state, under the name of *Lindsæa Lowii* (see p. 80). The plant, though not yet mature, had, since it was shown on the former occasion, undergone con-

siderable change, and had become a mass of interlacing stems, filling a glass shade a couple of feet high and nearly as much across. The species has a running or creeping rhizome, which is slender, and branches freely, bearing a profusion of fronds of a bright green colour and delicate herbaceous texture. Many of the fronds are short, furnished with obliquely ovate, scarcely stalked, crenated pinnæ, about half an inch long, articulated with the winged rachis, and produced for the most part on one side of this rachis. This was the condition in which it was formerly shown. Now, however, some of the fronds are much larger and broader, the pinnæ oblong, obtuse, or more or less attenuated, and an inch and a half or more in length. No fructification has yet been produced, so that its name and position cannot be satisfactorily determined, though it is probably acrostichoid, and an undescribed species of *Polybotrya*, which may be called *Polybotrya Lowii.* It is, at any rate, a very elegant plant for the fern house, and was awarded a FIRST-CLASS CERTIFICATE.

Pentstemon Lobbianus:—from Messrs. Low & Co. This formed a branching subshrubby bush, somewhat myrtle-like in aspect, and a foot and a half or more in height, clothed with neat, opposite, elliptic, shining green leaves, and bearing numerous bright yellow flowers. It was stated to be perfectly hardy, and on this account, as well as from its distinct and pleasing character, it was thought worthy a FIRST-CLASS CERTIFICATE. The flowers were remarkably short-tubed, with a broad open throat, an upper lip of two combined arching segments, and a wide lower lip of three broadish bluntly ovate segments. The plant was collected on the Sierra Nevada, in California, by Mr. W. Lobb, and was by him sent to Messrs. Low.

Pollia purpurea:—from Mr. W. BULL, F.R.H.S., Chelsea, and also from Messrs. Low & Co. This was COMMENDED as a desirable dwarf, or small-growing bronzy-purple leaved stove herb, of free growth, adapted for those who have not convenience to grow such plants as the more valuable and beautiful *Alocasia metallica.* It had dwarf hairy stems eight inches to a foot high, clothed with broadly lance-shaped leaves, six or eight inches long, glossy on the upper surface, and of a deep bronzy-purple there, the under side being stained of a more decided red-purple. It was evidently a free-growing, and from its glossy surface a clean-looking plant, suitable for intermixing with others having ornamental foliage. The species has been introduced from Java.

Of this class of subjects there were also shown:—

Pentstemon spectabilis:—from Messrs. Low & Co. A fine herbaceous perennial species from the Californian Sierra Nevada. The leaves on the cut flowering stems which were shown, were large, lance-shaped and toothed, and the flowers had a reddish-tinted tube and a clear blue face. It is one of the same group as *P. speciosa, cyananthus*, &c., a very handsome hardy plant, but was not effectively shown.

Microstylis discolor:—from Messrs. Low & Co. A dwarf orchidaceous plant from Ceylon, bearing a few purple leaves prettily crisped around the edge, and a spike of minute yellow flowers which become brownish in age. Its foliage would mix well with that of other dwarf orchids.

Sarcochilus sp.:—from Messrs. Low & Co. An epiphytal orchid of Vanda-like habit, with comparatively small white scented flowers streaked with red on the lip.

Oncidium microchilum:—from Mr. Craik, gardener to F. T. Rufford, Esq., Prescott House, Stourbridge. This was a fine branched scape, 4 feet long, forming a panicle of sweet-scented greenish-brown flowers, which were about an inch in diameter, and had a small curiously-formed white lip. The plant has thick fleshy leaves a foot long. This specimen arrived too late for the meeting.

Xanthosoma maculata:—from Mr. W. Bull. A large growing Arad, with green sagittately-triangular leaves, the stalks of which are purplish covered with a glaucous bloom, the sheathing portion being margined with white. It was a plant of good habit, and individually effective, but not such as to require special award in a family abounding in species of a more ornamental character.

Sonerila elegans:—from Mr. W. Bull. A dwarfish succulent reddish-stemmed stove plant, thickly furnished with opposite leaves, from whose axils young shoots seemed to be freely produced. The leaves were rather long-stalked, with a blade of cordate outline, an inch and a half broad, and serrated on the margin. It was not in flower.

Phyllogathis rotundifolia:—from Mr. W. Bull. This was a very promising stove plant, but was too young for a satisfactory judgment to be formed respecting it. The leaves, which had projecting hairs scattered over their surface, were broadly cordate, of a dark green colour, with a slight metallic hue. It will probably prove a desirable ornamental plant.

Maranta orbifolia:—from Mr. W. BULL. A dwarf stove perennial with broad roundish leaves, six to eight inches across, of a green colour, marked with streaks of grey lying parallel with the veins in oblique lines from the midrib. Mr. BULL also again showed *Aralia Duncani*, noticed in the report of a former meeting (p. 651).

Lilium speciosum corymbiferum:—from Messrs. E. G. HENDERSON & SON, St. John's Wood. A variety in which the stems become fasciated near the top, and the flowers crowded into an irregular head.

Helianthus annuus *var.* **californicus**:—from Messrs. CHARLWOOD & CUMMINS, Covent Garden. This, which was sent as the American green-centred Sunflower, was a very fine variety, with large full double flower-heads, the unexpanded centres of which were coloured green.

Allamanda:—from Mr. M'PHERSON, gardener to E. S. CHANDOS POLE, Esq., Redbourn, Derby. This was stated to be a seedling, but was inferior to existing kinds.

Amongst Florists' Flowers the awards were as follows:—

Hollyhock Countess Russell:—from Mr. W. CHATER, Saffron Walden. A large well-proportioned full flower, the colour a deep peach-blossom. Awarded a FIRST-CLASS CERTIFICATE.

Hollyhock Ne plus ultra:—from Mr. W. CHATER. A light rosy purple or deep purplish lilac, of good form and properties, and desirable in colour. Awarded a FIRST-CLASS CERTIFICATE.

Hollyhock Lady Dacres:—from Messrs. DOWNIE LAIRD & LAING, Sydenham and Edinburgh. Of this a very fine spike was shown; the colour is a pale salmon or flesh-colour, and the flowers full and well formed. Awarded a FIRST-CLASS CERTIFICATE.

Variegated Pelargonium Sunset:—from Messrs. E. G. HENDERSON & SON. A beautiful variety of what is called the tricolor section. The leaves, which were flat and healthy looking, had an irregular yellowish edge and a green centre, and were marked where these parts join, by a very prominently coloured and bright-looking red zone, which appeared to be light red when it fell upon the creamy ground, and deep chocolate when overlying the green. It was a very bright-looking beautiful variety, and received a FIRST-CLASS CERTIFICATE.

Variegated Pelargonium Mrs. Pollock:—from Messrs. E. G. HENDERSON & SON. A very handsome variety, of the same

section, and similar in character to the last, but having a deeper-coloured zone, and, as shown, a greater amount of green exterior to the red zone. The margin was moreover of a deeper and more decidedly yellow tint. The plant shown had been taken up from the open ground. It was boldly and effectively marked, and was adjudged worthy a FIRST-CLASS CERTIFICATE.

Variegated Pelargonium Delicata:—from Messrs. E. G. HENDERSON & SON. A silver-edged variety, very faintly marked with a pink zone. The flowers were light rosy-pink, of good quality. This was COMMENDED.

Dahlia Maria Carter:—from Mr. KEYNES, F.R.H.S., Salisbury. A white, heavily tipped with bright rosy-purple or lake. COMMENDED for its attractive colouring.

Dahlia Imperial:—from Mr. KEYNES. A large well-formed regularly-built amaranthine purple. COMMENDED.

Dahlia Maid of Bath (*Hooper*):—from Mr. KEYNES. White, faintly tipped with purple; a symmetrical and chaste-looking sort. COMMENDED.

Dahlia Charlotte Dorling:—from Mr. C. TURNER, F.R.H.S., Slough. White heavily tipped and shaded with a bright light purple. COMMENDED.

Hollyhock Lady King:—from Mr. W. CHATER. A large deep crimson, full and well-proportioned. COMMENDED.

Hollyhock Invincible:—from Mr. W. CHATER. A very showy salmon-rose, full and even in the centre, but rather low, and with somewhat too large guard petals. It was, however, thought quite worthy to be COMMENDED.

The remaining exhibitions were:—

Hollyhocks:—from Mr. W. CHATER: **Queen Victoria,** a deep brilliant rose-pink; **Garibaldi,** a very showy and well-made light crimson; **Imperator,** salmony buff, full and well-formed; **Shortgrove Perfection,** delicate peach; **Agenora,** light lilacy purple; **Glory of Walden,** rosy crimson; **Miss Lizzie King,** clear sulphur-yellow; **Hermione,** pale nankin yellow; **La Dame Blanche,** creamy white; **Grandissima,** mottled buff; **Premier,** salmon rose; **Lady Paxton,** blush white; **Tisiphone,** dull mottled lilac; **Bianca,** carmine rose; **Grand Sultan,** dull maroon purple; **Triumphans,** lilac purple; **Carminata,** carmine red; **Mrs. Fyson,** mauve.—From Messrs. DOWNIE LAIRD & LAING: **Primrose Gem,** primrose with red base; **Golden Fleece,** clear pale sulphur.—From Mr. W. PAUL, F.R.H.S., Waltham Cross:

Earl of Shaftesbury, crimson ; **Niobe,** flesh-colour ; **Euphrosyne,** deep salmony flesh-colour ; **Paris,** pale peach-blossom.

Dahlias:—from Messrs. DOWNIE & Co. : **Alpha,** dull copper-colour striped with maroon crimson.—From Mr. TURNER : **Captain Harvey,** dark amaranth ; **Cygnet,** a pleasing flesh-colour, whiter at the centre ; **Una,** blush white with light purple tips ; **John Spencer,** dark crimson maroon.—From Mr. KEYNES : **Goldfinder,** a showy yellow slightly red-tipped, rather coarse ; **Fanny Purchase,** yellow heavily tipped and shaded with rosy red ; **Anna Keynes,** a gay bright yellow tipped with orange red ; **Oscar** (*Addis*), light red ; **Prince Arthur,** white barely tipped and shaded with deep purple ; **Tiffany,** very pale primrose ; **Royal Purple,** deep purple ; **Mrs. Crisp,** blush and maroon shaded and tipped.

Variegated Pelargoniums:—from Messrs. E. G. HENDERSON & SON : **The Countess,** silver-edged with rosy-pink zone, and neat scarlet flowers ; **Little Beauty,** dwarf, silver-edged and very slightly red-zoned, with scarlet flowers ; **Edith,** silver-edged with slight pink zone ; **Aureum bicolor,** flat-leaved with yellow edge and red zone.

Pelargonium (*zonale*) **Portobello**:—from Mr. RICHARDSON, gardener to Lady GERARD, Portobello House, East Sheen. This variety was of compact habit with bold trusses thrown well above the foliage ; the latter had a broad dark green edge or zone, with the centre somewhat paler so as to appear indistinctly horseshoe-marked. The flowers were light orange-scarlet. The plant was sent to the garden for comparison with the sorts growing there, on trial.

XCI.—MISSION OF COLLECTOR TO BRAZIL.

THE following letter has been received from Mr. WEIR :—

Rio de Janeiro, *Aug.* 7*th*, 1861.

SIR,—During the past month I have been engaged in looking round the country in the neighbourhood of Belem, and of several intermediate stations between that place and the city of Rio. I have also visited the banks of the river Sao Pedro, at a place about fourteen miles west of Belem, where I remained several days.

I have not seen many plants in flower suitable for cultivation in England, but have met with a few more pretty foliaged things, which are not, so far as I am aware, in cultivation. Of these, however, I fear there is but little chance of getting seeds, and although it is late in the season, I think of sending a glass case of them by next mail. They will only be about twenty-four days in making the voyage, and I think Mr. Eyles will have little difficulty in keeping

them through the winter if they arrive in anything like good condition. They will mostly be found to be of easy propagation. It would be well to write to the shipping agents at Southampton to have them taken care of on their arrival there. Had I been going to remain here until next April, I would not have sent them till then; but I believe it was not contemplated that I should remain here more than three or four months.

This month I intend to take the country in the direction of Itagoahy (the course of the Rio Santa Anna), and examine as much of it as I can.

In the month of September (unless otherwise instructed) I purpose proceeding to St. Paul's, so as to have all the summer before me in that province. Before going into the interior I will have to purchase mules of my own to travel with, as I could never depend upon being able to hire mules when moving from place to place. This plan also, although it will cause a little more outlay at first, will ultimately be the most economical.

Mr. Miers or Mr. Fry, if you make inquiries of them, will testify as to the impracticability of travelling in the interior of the country without mules at a person's command, and of the great expense such a plan would cause even if it were practicable.

I enclose you accounts of the expenses I have incurred since leaving London, and of the money I have drawn from Messrs. Fry & Co., including a sum to meet my expenses during this month. Mr. F. has fixed my monthly allowance at 150 milreis (one milreis is equal to about 2*s.* 1*d.*, and is written 1000).

I am, sir, your obedient servant,

JOHN WEIR.

TO THE SECRETARY OF THE ROYAL
HORTICULTURAL SOCIETY.

XCII.—GENERAL MEETING, SEPT. 9, 1861.

A GENERAL Meeting of the Society was held on Monday, Sept. 9, in the Council Room at the Gardens, South Kensington, C. WENTWORTH DILKE, Esq., in the Chair, when the following candidates were balloted for and elected Fellows, viz.:—

Ashby, George Ashby, The Woolleys, Naseby, Rugby.
Banting, William, The Terrace, Kensington, W.
Baring, Edward, 18, Albemarle Street, Piccadilly, W.
Bulmer, John, The Warren, Loughton, Stoney Stratford.
Carnarvon, The Earl of, 3, Park Street, Westminster, S.W.; and Highclere Castle, Newbury.
Case, Rev. George, 8, Milner Terrace, Chelsea, S.W.
Christie, Mrs., 19, Hereford Street, Park Lane, W.
Cox, Alfred, 3, Victoria Street, Pimlico, S.W.
Disraeli, James, 3, Eaton Terrace, Eaton Square, S.W.
Favier, Simon, Metz, France.
Frost, G., Nursery, Brushford, Exbridge, Tiverton.
Fursdon, George, 6, Westbourne Park, W.; and Fursdon, Tiverton.
Gandell, George, 22, Palace Gardens Villas, Kensington, W.
Hawkins, Miss Emily, 18, Campden House Road, Kensington, W.

Jones, Major William, 180, Piccadilly, W.
King, B., Cranford Lodge, Cranford.
Merry, W. Lucas, 13, Pembridge Place, Bayswater, W.
Moncrieff, Rt. Hon. James, M.P., 1, New Street, Spring Gardens, S.W.; and 15, Great Stuart Street, Edinburgh.
Nelthropp, George, 20, Gloucester Street, Pimlico, S.W.
Norton, Mrs. Daniel.
Paine, George, 24, Woburn Square, W.C.
Phibbs, Major Richard, 12, Rutland Gate, S.W.
Rolt, Peter, 15, Cork Street, Burlington Gardens, W.
Salkeld, Lieut.-Col., Holme Hill, Carlisle.
Stericker, Walter, 5, Highbury Park, N.
Suttie, Sir George Grant, Bart., Preston Grange, Haddington, Scotland.
Taylor, Charles Thomas, 14, Warwick Road, Upper Clapton, N.E.
Thomas, William, 14A, Pelham Place, Brompton, S.W.
Thornton, Mrs., 19, Cambridge Square, Hyde Park, W.
Ward, Hon. Mrs. Dudley, 46, Queen's Gate Terrace, Hyde Park, W.
Wigram, Colonel, 15A, Grosvenor Square, W.
Wise, Henry Christopher, Woodcote, Warwick.

XCIII.—REPORT OF THE FRUIT COMMITTEE, SEPT. 10TH, 1861.

Mr. EDMONDS *in the Chair.*

A communication was read from Mr. BAILEY, Chairman of the Oxfordshire Committee, containing the report of a meeting held at Oxford on the 1st of July, which was as follows :—

Mr. Bailey, the chairman, congratulated the members on their presence at the meeting. He said he thought it was their duty not only to notice new varieties of fruit, but also to bring before the public those older kinds, which from their merits deserved more general and extended cultivation. He begged to call the attention of the meeting to a plant of Sir Charles Napier Strawberry, and to some specimens of Hautbois; this last kind he said was a most recherché fruit, but seldom seen in perfection. He believed that the reason of its failure generally arose from the over luxuriance of the male plants, which, if allowed to do so, soon run over the whole bed, exterminating the female or productive plants, and producing a chaos of foliage. The kinds now shown by him were the Prolific, the Conical, and the Globe Hautbois; these two kinds he had some twenty years ago from the garden of the Horticultural Society, at Chiswick, and by care, in propagating from none but fruitful plants, he had succeeded in getting abundant crops of good quality, and preserving the plants in a true and healthy state. To the Sir Charles Napier he wished also to draw special attention. From the plant exhibited it would be seen to be a very fine and productive kind. Its reputation as a good kind for forcing had been fully established by the exhibitions of Mr. Smith, of Twickenham, at the London Shows; but in point of flavour it was much inferior to British Queen.

Mr. Ward, gardener to James Murell, Esq., brought some fruit of Oscar, which the meeting pronounced to be identical with Eliza,* and which decision the chairman said coincided with his previous conviction.

Mr. Ward introduced also some fruit of the Golden Hamburgh grape. It was thought to be very good, and was perfectly ripe,—rather an unusual feature in exhibitions of white grapes in the earlier portion of the season.

Mr. Manders, gardener to Lord Abingdon, brought some fruit of a rosy, middle-sized apple, which he said was usually perfect at this season, but which was thought very imperfect from the present exhibition. Mr. Manders attributed this to last year's imperfect season, and the committee asked for its reproduction in 1861.

Mr. Bailey introduced specimens of the Strawberry, Wizard of the North. This variety is one of the new kinds which has been much "puffed," and sold at a high figure. The chairman said it was the worst of bad kinds, and the members, upon tasting it, fully concurred in the verdict.

It was resolved to hold the next meeting on July 24th, when a further discussion upon Strawberries will take place.

(Signed) HENRY BAILEY.

* This is evidently an error, Oscar being a perfectly distinct variety, and having no point of resemblance to Eliza.—R. H.

The thanks of the Committee were unanimously awarded to Mr. BAILEY for his communication.

Prizes were offered at this Meeting for collections of Peaches, Nectarines, and Plums.

Class A.	For the best three dishes of Peaches, distinct kinds			20s.	15s.	10s.
,, B.	Ditto	ditto	Nectarines	20s.	15s.	10s.
,, C.	Ditto	ditto	Plums	20s.	15s.	10s.

The only competitor in Class A was Mr. J. C. DWERRIHOUSE, gardener to Lord EVERSLEIGH, Hickfield, who exhibited dishes of **Royal George, Salway,** and **Noblesse,** all of which were very good examples of the varieties, and particularly the Salway, which was a very large attractive fruit of a deep orange colour. Royal George was briskly flavoured, but not particularly rich; but Noblesse was very sweet, rich, and sugary, and was unusually highly coloured, having quite a deep crimson cheek with the broken bands of crimson over it. The flavour of Salway was rather flat and wanted that sprightliness and sweetness which it exhibits later in the season. It is quite evident that this variety will not do to force out of its season. Its great merit is to ripen in the middle and end of October, when no other good melting peaches are to be had, and no object is gained by depriving it of that merit which is so peculiar to it.

Mr. DWERRIHOUSE also exhibited a dish of very fine **Violette Hative Nectarines**; but there was no competition for the prizes offered in this class.

In Class C, Mr. FRANCIS DANCER, of Little Sutton, exhibited

Jefferson, Poupart's Seedling, and **Pond's Seedling.** His Jeffersons were unusually fine specimens, being very large for that variety, and of a dull bronzy colour. The flavour was exquisite. Poupart's Seedling is a plum about the size of Kirke's, of a dark purple colour, and the surface is veined with bronze tracings. The flavour is rich, and it appears to be a very excellent variety. Pond's Seedling were large and very handsome, but, as usual, not highly flavoured. Mr. HENRY EYRE, gardener to A. F. SLADE, Esq., Chiselhurst, exhibited **Green Gage, Jefferson,** and **Bleeker's Yellow Gage.** The Green Gages and Jeffersons were small specimens of these varieties, and not very highly flavoured; and Bleeker's Yellow Gage, which is an American plum, were good and well grown examples of that sort; but it is never a first-rate variety in regard of flavour, even in its best condition. Mr. JOHN NEWTON, gardener to F. G. GRAHAM, Esq., East Lodge, Enfield Chase, exhibited **Jefferson, Red Magnum Bonum,** and **Coe's Golden Drop.** The first and last were of good flavour, but both rather small, and Red Magnum was, as usual, coarse and acid. The first prize was awarded to Mr. FRANCIS DANCER, the second to Mr. JOHN NEWTON, and the third to Mr. SLADE. Besides these Mr. DANCER exhibited dishes of **Victoria, Sendals, Prince of Wales, Mitchelsons,** and **Cooper's Seedling.** And Mr. SLADE had, in addition to those he competed with, **Purple Favorite,** an American variety, and **Imperiale de Milan.**

A collection of Grapes was received from the Society's Garden at Chiswick, among which were a bunch of **Muscat Hamburgh,** well-set and with good-sized berries, having a rich flavour and fine Muscat aroma. **Burchardt's Prince,** a long tapering bunch, well-set with large handsome black berries, and with an excellent flavour, not unlike the Black Hamburgh, with somewhat of the briskness of the Black Prince. This is a remarkably fine grape. **Muscat noir hatif, Hatif de Jura,** and **Rouge de Rolle,** appear to be identical, or so much alike, that any difference that may exist is so trifling as not to be worthy of notice. **Chasselas Violet,** as exhibited, and which is supposed to be not true, was evidently **Chasselas rouge,** or **rose. Primavis** and **Chasselas Musqué** are very similar; but further comparison, when the vines are more advanced, must be made before this point can be determined. **Chasselas de Fontainbleau rouge hatif** is a very rich and luscious grape, with a small bunch, short stout pedicels, and a small round berry. **Muscatellier noir,** received two years ago

from France, appears very similar to, if not identical with, Black Hamburgh.

A Seedling Grape was received from Mr. MELVILLE, of Dalmeny Park, near Edinburgh, which excited some curiosity. It is a cross between what Mr. Melville calls Champion Hamburgh and Canon Hall Muscat—this Champion Hamburgh being apparently Mill Hill Hamburgh. The process by which it was obtained, and its subsequent treatment, will be found in the following letter:—

SIR,—Having on all former occasions found you punctual and most attentive to everything I have forwarded to your care, I again beg to intrude on you to present before the Fruit Committee this Seedling Grape. It is not a random or stray seedling, but hybridised with great care. Its parents are the Champion Hamburgh and Canon Hall Muscat. When the Champion Hamburgh was just beginning to bloom, I selected one flower for my object to work on. We all know that the pollen is not in full operation till about the time the cap is cast off by the stamens. To make sure I pulled off the cap, then with a pair of fine scissors I cut the anthers quite off from the top of the stamens; I then applied the pollen of the Canon Hall two days running; the result you have before you, which I think is partly between the two sorts, for the flesh is light-coloured and firm in substance like the Muscats, and with a Muscat aroma. It is a fine setter, and swelled far beyond what I expected. Some time ago I had to cut some berries out, or they would have been quite out of shape for want of room to swell.

The vine is now three years from the seed, and has carried four bunches this season. I send two, and a twig of the Champion Hamburgh with leaf attached, to show the Champion for comparison in flavour and colour from the same house. The Champion has coloured worse with me than ever I have seen it; it has been ripening at the time we have had so little sun here, which I consider is likewise against the colour of the new seedling (**Champion Hamburgh Muscat**). The best bunch sent was rather in a place where it was at times disturbed by head room, and a few of the berries are injured. If this variety is well thinned, in another season it is likely to be a fine keeper, as it has strong thick shanks behind the berries, like the Canon Hall. The Champion Hamburgh, its mother, is one of our finest hanging grapes—when well ripened is jet black: but I think its other parent being white, the true colour of the seedling will be a sort of plum. I will thank the Committee to state the colour of the deepest berries on those bunches sent.

It is a robust grower, but the footstalk is darker you will see by comparing it with the leaf of the Champion. I have no doubt that if I had thinned these bunches a third more, the berries would have been much larger and finer. I believe they are perfectly ripe, and I trust you will forgive the deficiency in colour a little, when the comparison is made with the Champion, grown by its side in the same house and treatment.

I am, sir, your much obliged servant,

WILLIAM MELVILLE,

To Dr. HOGG. Dalmeny Park Gardens.

The bunch in size and shape had all the appearance of one of the Mill Hill Hamburgh. It was large and well set. The berries were large, round, and oblate, shaped like small oranges, and

very much "hammered." The colour is grizzly, but as there were deeper and lighter shades, some of which almost approached to black, it is not unlikely that this was produced by the disadvantageous circumstances referred to in Mr. MELVILLE's letter under which the fruit was produced, and it is quite probable, that if carefully grown, the colour would be black. The flesh is firm, juicy, sweet, and richly flavoured with a marked Muscat flavour. This is a decided cross between the two parents, and a very excellent grape. The Committee were of opinion that this was a grape well worthy of notice, and recommended Mr. MELVILLE to have it grown in such a way as to bring out its true character, and to develope its full merits.

Mr. GRAHAM, of Cranford, near Hounslow, sent a Seedling Muscat Grape, similar in appearance to Chasselas Musqué, but which has the reputation of not cracking its berries when it ripens. The bunch exhibited was scarcely sufficiently ripe, and Mr. GRAHAM was invited to exhibit it again at next meeting. Should this ripen without cracking, it will be a valuable acquisition, for it appears to have all the good properties of the Chasselas Musqué, and it ripens in a vinery without fire heat.

A large bunch of a Muscat Grape was received from JOHN RUCK, Esq., Sutton Court, Surrey, under the name of **Muscatel de Jesus.** The vine was received from Portugal about five years ago, with about twelve other varieties, all of which proved worthless for cultivation in this country. This proved to be Muscat of Alexandria.

Mr. F. JOYNES, Bourton, Berks, sent a shoot of **Black Hamburgh,** bearing fruit of two crops on the same vine, at the same time. "One, the last bunch remaining of the crop ripened in June, and the other the first bunch of the crop ripened in September." Both bunches were small, and that produced as a second crop was not so dark coloured as the first. Both were well flavoured, but the Committee was of opinion that, notwithstanding these two crops in one season, it was not a profitable mode of vine culture, as it must be attained at the expense of the constitution of the plant. Mr. BUSBY also exhibited a shoot of **Golden Hamburgh,** bearing similar crops; but in this case the second crop was quite unripe.

Mr. RIVERS, of Sawbridgeworth, brought fruit of a Seedling Peach, called **Early Albert.** It is of medium size, quite round, skin of a creamy white on the shaded side, and light crimson where exposed. The flesh is very tender and melting, separating

freely from the stone, round which it is perfectly pale, or with only the faintest rosy tinge. The flavour is excellent. The leaves are crenate with kidney-shaped glands. Mr. RIVERS also exhibited fruit of **Crawford's Early**, a very large yellow-fleshed American variety, of fine flavour. It is a very showy fruit, and well worthy of cultivation. **Berger's Yellow** is another of the same race, and also of American origin. It is of great size, and resembles Crawford's Early in its yellow flesh, but was not so highly flavoured. **Grosse Mignonne tardive** is a late form of Grosse Mignonne, and a very fine peach, as is also **Princess Marie**, both exhibited by Mr. RIVERS.

The object of greatest interest at the meeting was a Seedling Nectarine from Mr. RIVERS, called **Victoria.** It was raised from Violette Hative, fertilised by Stanwick, and the result of the cross is a perfect hybrid. In its general appearance it is like the Stanwick, and it possesses the same rich and peculiar flavour, but it ripens a month earlier, and does not crack in ripening, as that variety does. It has the flowers and leaves of its male parent, and the *bitter* kernel of Violette Hative, than which it is about a fortnight later. In this there is the beginning of a new race of Nectarines, altogether distinct from those which have been so many years in cultivation, and now that the Stanwick strain has been broken into, it is not unreasonable to expect that Nectarines of different seasons of ripening will be produced. The Committee awarded it a FIRST-CLASS CERTIFICATE. Mr. RIVERS exhibited a Seedling from the New White Nectarine, which was richly flavoured, and also one called the **Pine Apple,** which was not sufficiently ripe.

GEORGE F. WILSON, Esq., of Gishurst Cottage, Weybridge, sent a dish of **Louise Bonne of Jersey Pear**, remarkable for their size and beauty. They were grown in a pot in an orchard house, and the trees removed to the open air during the summer months. The flesh was tender, melting, very juicy, and richly flavoured with the full aroma this excellent variety possesses when in perfection. Mr. WILSON also exhibited an immense specimen of the **Melon Apple**, which, however, was not quite ripe. This also was grown in a pot and subjected to the same treatment as the Pears.

Messrs. GARAWAY & Co., of Bristol, sent a Seedling Pear which was raised by A. H. BENNETT, Esq., of Bennett's Court, Queenstown. It was of small size, pyriform, with a tender, melting, and sweet flesh; but being a late summer pear, ripening when

so many varieties of superior merit are in season, the Committee thought it was not a desirable addition to those already in cultivation.

Mr. Graham, of Cranford, exhibited specimens of **Gooseberry Apple**, of the crop of 1860. They were in excellent condition, and quite fit for use. This is one of the best cooking apples, and may be kept without any trouble for a twelvemonth.

Mr. William Deans, nurseryman, Jedburgh, N.B., sent a Seedling Apple called **Jedburgh Abbey**. It is rather below medium size, conical, and yellow. The flesh is very tender and with an agreeable acid, and it promises to be a good early culinary apple, and judging of the texture of the flesh well adapted for apple jelly.

Mr. John Newton, gardener to F. G. Graham, Esq., Enfield Chase, exhibited dishes of **Yellow Ingestrie, Red Quarrendon,** and **Kerry Pippin.**

XCIV.—DAHLIA SHOW, Sept. 11, 1861.

The Great Dahlia Show, held on the above date, was a very excellent show in every respect. The Dahlias exhibited were numerous and fine. So were the German and French Asters. The Gladioluses were beautiful; and in miscellaneous plants several most interesting novelties were shown for the first time (see the Floral Committee's Report). The day was as fine as could be desired. Two of the best bands in London attended in full force—that of the Royal Artillery 66 in number, and that of the Royal Engineers nearly as many. The company also was numerous, between 3000 and 4000 persons having attended.

The following were the AWARDS OF THE JUDGES :—

Class 1. 48 Dahlia Blooms. Distinct. (*Nurserymen.*)—1st Prize, Mr. John Keynes, Nurseryman, Salisbury, 8*l.* 2nd Prize, Mr. John Harrison, Darlington, 6*l.* 3rd Prize, Mr. Henry May, near Bedale, Yorkshire, 4*l.* 4th Prize, Mr. Charles Kimberley, Stoke, near Coventry, 2*l.*

Class 2. 24 Dahlia Blooms. Distinct. (*Nurserymen.*)—1st Prize, Mr. J. Keynes, Salisbury, 5*l.* 2nd Prize, Mr. H. Legge, Edmonton, 3*l.* 3rd Prize, Mr. H. May, near Bedale, Yorkshire, 2*l.* 4th Prize, Mr. J. Harrison, Darlington, 1*l.* Extra Prize, Messrs. Downie, Laird, & Laing, Edinburgh and London, 10*s.*

Class 3. 18 Dahlia Blooms. Fancies. Distinct. (*Nurserymen.*)—1st Prize, Mr. J. Keynes, Salisbury, 4*l.* 2nd Prize, Mr. H. Legge, Edmonton, 3*l.* 3rd Prize, Mr. Charles Kimberley, Stoke, near Coventry, 2*l.* 4th Prize, Messrs. Downie, Laird, & Laing, Edinburgh and London, 1*l.*

Class 4. 24 Dahlia Blooms. Distinct. (*Amateurs.*)—1st Prize, Rev. Charles Fellowes, Shottisham Rectory, Norwich, 6*l.* 2nd Prize. Mr. Wm. Dodds, Salisbury, 4*l.* 3rd Prize, Mr. Chas. Jas. Perry, Castle Bromwich, near Birmingham, 3*l.* 4th Prize, Mr. W. P. Barnard, Darlington, 2*l.* Extra Prize, Mr. Wm. Corp, Milford, Salisbury, 1*l.*

Class 5. 12 Dahlia Blooms. Distinct. (*Amateurs.*)—1st Prize, Mr. W. P. Barnard, Darlington, 4*l.* 2nd Prize, Rev. C. Fellowes, Shottisham Rectory, Norwich, 3*l.* 3rd Prize, Mr. W. Dodds, Salisbury, 2*l.* 4th Prize, Mr. Chas. J. Perry, Castle Bromwich, near Birmingham, 1*l.* Extra Prize, Mr. Thos. Charlton, Kibworth, near Harboro', Leicestershire, 10*s.*

Class 6. 6 Dahlia Blooms. Distinct. (*Amateurs.*)—1st Prize, Mr. John Pope, Smith Street, Chelsea, S.W., 2*l.* 2nd Prize, Rev. C. Fellowes, Shottisham Rectory, Norwich, 1*l.* 10*s.* 3rd Prize, Mr. W. P. Barnard, Darlington, 1*l.* 4th Prize, Mr. H. Glasscock, Rye Street, Bishops Stortford, 10*s.*

Class 7. 12 Dahlia Blooms. Fancies. Distinct. (*Amateurs.*)—1st Prize, Rev. Chas. Fellowes, Shottisham Rectory, Norwich, 3*l.* 2nd Prize, Mr. C. J. Perry, Castle Bromwich, near Birmingham, 2*l.* 3rd Prize, Mr. Wm. Dodds, Salisbury, 1*l.* 4th Prize, Mr. W. Corp, Milford, Salisbury, 15*s.*

Class 8. 48 Cut Roses. 3 Trusses; distinct. (*Nurserymen.*)—1st Prize, Mr. J. Mitchell, Pilt Down, Maresfield, 4*l.*

Class 9. 24 Cut Roses. 3 Trusses; distinct. (*Amateurs.*)—1st Prize, Rev. W. F. Radclyffe, Rushton Rectory, Blandford, 4*l.* 2nd Prize, Mr. J. Hollingsworth, Turkey Mill, Maidstone, 3*l.* 3rd Prize, Dr. Cooper, Slough, Bucks, 2*l.*

Class 10. 24 Cut Roses. Distinct. Single Blooms. (*Open.*)—1st Prize, Mr. John Keynes, Nurseryman, Salisbury, 2*l.* 2nd Prize, Mr. R. Laing, Twickenham Nurseries, S.W., 1*l.* 3rd Prize, W. Cutbush & Son, Highgate Nurseries, N., 10*s.*

Class 11. 12 Roses, in Pots, only 2 of one Kind. (*Open.*)—No competition.

Class 12. 12 Hollyhocks, in Spikes. Distinct. (*Open.*)—1st Prize, Messrs. Downie, Laird, & Laing, Edinburgh and London, 3*l.* 2nd Prize, Mr. W. Chater, Nurseryman, Saffron Walden, 2*l.*

Class 13. 12 Hollyhocks. Single Flowers. Distinct. (*Open.*)—1st Prize, Mr. H. May, Hope Nurseries, near Bedale, 2*l.* 2nd Prize, W. Minchin & Son, Hook Norton, Oxon, 1*l.* 3rd Prize, Messrs. Downie, Laird, & Laing, Forest Hill, London, S.E., 15*s.* 4th Prize, Mr. W. Chater, Nurseries, Saffron Walden, 7*s.* 6*d.*

Class 14. 24 German Asters. "Quilled." Distinct. (*Open.*)—1st Prize, Mr. R. H. Betteridge, Milton Hill, Steventon, Berks, 2*l.* 2nd Prize, Mr. T. Westbrook, Abingdon, Berks, 1*l.* 3rd Prize, Mr. W. Molyneux, Nuneham Park, Oxford, 15*s.* 4th Prize, W. Minchin & Son, Hook Norton, Oxon, 10*s.*

Class 15. 24 French Asters. "Tasselled." Distinct. (*Open.*)—1st Prize, Mr. C. Sandford, gardener to Theodore Thomasset, Esq., Walthamstow, 2*l.* 2nd Prize, Mr. R. H. Betteridge, Milton Hill, Steventon, Berks, 1*l.* 3rd Prize, Mr. W. Sandford, Woodford, Essex, 15*s.* 4th Prize, Mr. R. Penwill, gardener to James Browning, Esq., Leyton, 10*s.*

Class 16. 24 Gladiolus, cut Spikes. Distinct. (*Open.*)—1st Prize, Mr. John Standish, Royal Nurseries, Bagshot, 2*l.* 10*s.* 2nd Prize, George Paul & Son, "Old" Cheshunt Nurseries, Herts, 1*l.* 10*s.* 3rd Prize, W. Minchin & Son, Hook Norton, Oxon, 1*l.*

Class 17. 12 Gladiolus, cut Spikes. Distinct. (*Amateurs.*)—No competition.

CLASS 18. 12 POTS OF GLADIOLUS. DISTINCT, 3 IN EACH POT. (*Open.*)—1st Prize, Mr. John Cattell, Nurseryman, Westerham, 3*l.*

CLASS 19. 24 PHLOXES. SINGLE TRUSSES. DISTINCT. (*Open.*)—1st Prize, Mr. J. Standish, Royal Nurseries, Bagshot, 2*l.* 2nd Prize, Mr. J. Cattell, Nurseryman, Westerham, 1*l.* 3rd Prize, W. Cutbush & Son, Highgate Nurseries, N., 15*s.*

CLASS 20. 12 PHLOXES, IN POTS. DISTINCT. (*Open.*)—1st Prize, Mr. John Cattell, Nurseryman, Westerham, 3*l.* 2nd Prize, Mr. J. Standish, Royal Nurseries, Bagshot, 2*l.*

CLASS 21. 24 VERBENAS. 5 TRUSSES OF EACH. DISTINCT. (*Open*).—1st Prize, Mr. C. J. Perry, Castle Bromwich, near Birmingham, 1*l.* 10*s.* 2nd Prize, W. Minchin & Son, Hook Norton, Oxon, 1*l.* 3rd Prize, Dr. Cooper, Slough, Bucks, 10*s.*

CLASS 22. MISCELLANEOUS. FOR FLOWERS NOT SPECIFIED.—1st Prize, Mr. Geo. Uzzell, Twickenham, S.W., for a fine specimen of Lapageria rosea, 1*l.* 10*s.* 2nd Prize, Mr. Chas. Turner, Slough, for a collection of Lilium lancifolium rubrum, 1*l.*; W. Cutbush & Son, Highgate, N., for a collection of Lilium lancifolium, 1*l.* 3rd Prize, Mr. J. Veitch, Jun., Chelsea, for a Wardian Case, filled with Ferns, 15*s.*; Mr. J. Veitch, Jun., for a collection of Celosia coccinea aurea, 15*s.* Extra Prize, Mr. M. Titchmarsh, Lower Edmonton, for a collection of 12 Cockscombs in pots, 10*s.*; Mrs. Conway, Old Brompton Nurseries, for a collection of 18 French Asters in pots, 10*s.*

Extra Prizes for Miscellaneous collections were awarded.

1st Prize, Mr. J. Veitch. Jun., Chelsea, for a fine collection of Ornamental Plants, 3*l.* 2nd Prize, J. & C. Lee, Hammersmith, for a fine collection of Ornamental Plants, 2*l.* 10*s.* 3rd Prize, Mr. Wm. Bull, Chelsea, for a fine collection of Ornamental Plants, 2*l.*; Mr. R. Glendinning, Chiswick, for a collection of Coniferous Plants 2*l.*; H. Lane & Son, Great Berkhampstead, for a collection of Fruit Trees, 2*l.* 4th Prize, Mr. J. Mitchell, Maresfield, for a collection of 100 Varieties of Roses 1*l.* 10*s.*; Mr. J. Standish, Bagshot, for a collection of cut Gladioluses, 1*l.* 10*s.*

In the Nurserymen's Class of 48 **Dahlias**, the kinds exhibited by Mr. KEYNES, of Salisbury, the winner of the first prize, were Disraeli, Cherub, Col. Windham, Joy, Warrior, Golden Drop, Lord Palmerston, Mauve, Lilac Queen, Sir George Douglas, Kimberley's Queen, John Keynes, Earl of Shaftesbury, Lord Cardigan, Umpire, Sidney Herbert, Mrs. Church, Mr. Critchett, Hugh Miller, King of Sweden, Lollypop, Mrs. Dodds, George Elliott, Pioneer, Robert Bruce, Marquess of Beaumont, Mr. Boshell, Mrs. Trotter, Leopard, Oscar (a fine new reddish scarlet variety), Rosebud, Lady Douglas Pennant, Seedling Goldfinder, Imperial (a new mulberry-coloured sort), Rosa, Pandora, Chairman, Commander, Triomphe de Pecq, Jenny Austin, Lady Franklin, Andrew Dodds (a promising new dark purple kind), Goldfinder, Mrs. Bailhache, Juno, Perfection, and Mrs. Waters. The collection of Mr. HARRISON, Darlington, had, in addition to the varieties named in Mr. Keynes' stand, good examples of

Heroine, Beauty of Slough, a very fine bloom of Fanny Keynes, Mrs. Wheeler, Incomparable, Duke of Roxburgh, Lady Bolton, Beauty of Helperton, Princess of Prussia, Bellona, Grandmaster, Midnight, Village Gem, Bell, John Harrison, Alice, John Dory, Ruby Queen, Mrs. Legge, Annie, Compacta, Mary Ann, Mrs. Pigott, Empress, Madge Wildfire, Lady Popham, Sir C. Campbell, Neville, Keynes, and Admiral Dundas. Other collections were contributed by Mr. Henry May, Bedale, Yorkshire; Mr. Kimberley, Stoke, near Coventry; and Mr. Legge of Edmonton. In these stands were fine blooms of Pre-eminent, Criterion, Touchstone, Mrs. Wyatt, Conqueror, Peri, Lord Clyde, Brentford Hero, Mentor, Dinorah, Mr. Stocken, Regulator, Salvator Rosa, Miss Caroline, George Brown, Deutche, Monarch, Mrs. Keynes, Duke of Wellington, King, Eclipse, Lady Taunton, Lady Paxton, Rifleman, Lord Eversley, Yellow Beauty, Harbinger, Splendid, Duchess of Kent, Delicata, Strafford's Gem, and Flower of the Day.

In the class of 24 blooms (Nurserymen), Mr. Keynes' excellent stand did not contain anything different from varieties already mentioned. Messrs. Legge, May, Harrison, Downie, Laird & Laing, and Cattell, who showed in this class, received prizes in the order in which their names stand. Among the blooms shown by them not already mentioned were Miss Watts, a good white kind; Norfolk Hero, Sir F. Bathurst, Magnificent, Marchioness of Abercorn, and Miss Vyse.

In the Amateurs' Class of 24 blooms, gained by the Rev. C. Fellows, Shottisham Rectory, Norwich, were fine blooms of Madame Alboni, Majestic, Purple Standard, Bravo and Clara Novello. From Mr. Dodds, of Salisbury, came Emperor, Annie Rosa, and Mrs. Dodds; and Mr. Perry, Mr. Barnard, and others had beautiful examples of Model, Comet, Etonia, Primrose, Perfection, Miss Pressley, Standard Bearer, Miss Burdett Coutts, Enchantress, Beeswing, Lord Bathurst, Duchess of Northumberland, Brentford Hero, Masterpiece, Amazon, and Yellow Beauty.

In stands of 12 blooms (Amateurs), among Mr. Barnard of Darlington's, prize stand, were admirable specimens of Chancellor, Lilac Queen, Chairman, Earl Shaftesbury, John Dory, Lady Popham, Jenny Austin, Duke of Roxburgh, Mrs. Bailhache, Mrs. Pigott, and Triomphe de Pecq. There was a fine stand from Mr. Chalrton, of Harborough, who probably would have gained the first prize in this class, had not two of his flowers,

viz., Golden Drop and Triomphe de Pecq, been faulty in the centre; otherwise for size and quality they were unsurpassed. Messrs. DODDS & PERRY also showed well in this class.

In the class of **Fancy Dahlias**, 18 blooms (Nurserymen), Mr. KEYNES showed beautiful examples of Harlequin, Pluto, Splendid, Queen Mab, Souter Johnny, Miss Jones, Starlight, Zebra, Conqueror, Baron Alderson, Garibaldi, Pauline, Impératrice, Eugénia, Lady Paxton, Leopard, Confidence, Lady Lander, and Mark Antony. Mr. LEGGE, of Edmonton (who gained the second prize), had in addition to the kinds just named, Invincible, Princess Charlotte, Charles Perry, Unique, Cleopatra, Favourite, and Topsy. Mr. KIMBERLEY, who was third, sent Elegans, Triomphe de Robeaux, Pretty Polly, Lady Paxton, Honeycomb, Madame Sherrington, Miss Herbert, Leonard, Beauty of High Cross, Flirt, and Fairy Queen. From Messrs. DOWNIE, LAIRD & LAING, who contributed a fourth stand, came Norah Crena, Mrs. Charles Kean, Salamander, Ethel, Jessie, Wm. Corp, and Strafford's Gem, the last a dark rose, prettily tipped with yellow. In other collections to which no awards were made, were good blooms of Fairy Queen, Emperor de Maroc, Rev. Joshua Dix, Oliver Twist, and Summertide.

In the class of 12 **Fancy Dahlias** (Amateurs) there were some fine stands, the best of which came from the Rev. C. FELLOWS, who contributed Harlequin, Elizabeth, Conqueror, Oliver Twist, Lady Paxton, Madame Alboni, Queen Mab, Flirt, Baron Alderson, Ethel, Pauline, and Summertide. In other collections, which were furnished by Messrs. PERRY, DODDS, CORP, and others, were examples of Comus, Carnation, Blondin, Charles Perry, Butterfly, Countess of Bective, Wonderful, and Favourite, all in excellent condition, well selected as to colour, fresh and beautiful.

Messrs. E. G. HENDERSON showed a good stand of Pompone varieties.

Of **Hollyhocks**, magnificent spikes were shown by Messrs. DOWNIE, LAIRD & LAING, whose sorts were Golden Fleece, Stansted Rival, Mrs. F. McKenzie, William Deans, Empress Eugénie, Dr. Canny, Excelsior, Monarch, David Fowlis, William Blackwood, Memnon, Rosy Gem, and Lady Dacres. Mr. CHATER also showed good spikes of Princess, Lady King, Mont Blanc, Mrs. Chater, Grandis, Excelsior, Regina (a brilliant carmine-coloured seedling), Mary Ann, Senator, and Queen Victoria. Of single blooms Mr. HENRY MAY showed a stand remarkable for

their great size and beauty; some of them could not measure less than 5 inches in diameter, and although they had travelled all the way from Yorkshire they maintained their freshness well throughout the day. Their names were Mrs. Cochrane, crimson; Walden Masterpiece, fawn; Memnon, crimson; Empress Eugénie, fawn and white; Perfection, lilac; Lizzy Robarts, white; Ossian, crimson; Yellow Defiance; Mrs. Wardrop, crimson; Regina, pink; Lord Loughborough, crimson; and Lord Taunton, mulberry. Messrs. MINCHIN also had good blooms, conspicuous; among which were Havelock, bright red; Jaune, yellow; and Cynthie, pink.

Asters, which were present in large numbers, were deservedly objects of great attraction. They consisted of what are called quilled German and tasselled French kinds; of the latter there are two classes, the incurved and reflexed. These were of all shades of colour, and many of them were most beautifully striped. The quilled varieties from Mr. BETTERIDGE, of Steventon, to whom the first prize was awarded, were in every way excellent; and the stand of large kinds from Mr. SANDFORD, Walthamstow, were equally remarkable for beauty and fine growth. A collection sent all the way from Erfurt, by Mr. F. W. WENDELL, nurseryman there, contained examples of what were called Crown Asters, particularly handsome. They had large white centres broadly bordered with purple and crimson. Some small growing Ranunculus flowered and Pompone sorts were also greatly admired; and notwithstanding the distance they had travelled they were in good condition, as were also new French kinds which appeared to be an improvement on the older varieties, both in size and doubleness. Asters in pots came from Mrs. Conway of Brompton, and a fine collection of them, filling a circular table in the centre of the building, came from the Society's Garden at Chiswick.

Gladioli were shown in large quantities, but they have not been good this year; even the handsome Brenchleyensis itself is poor compared with what it was last season. The best came from Mr. STANDISH of Bagshot, in whose collection the following were the most remarkable, viz.:—Miss Ingram, a nice sort, with yellow throat and crimson feather; Lady Caroline Legge, clear white, with crimson lip, very large; Miss Graham, pure white, with bright crimson feather, very striking; Bridesmaid, large pure white; Miss Porter, white, with singular dark lip; Goldfinder, lemon and bright yellow; Juliet, lemon with pink feather; Lady Emilie Seymour, salmon pink, a fine bold flower; Mrs.

Menzies, pink, beautifully marked with crimson; Mrs. Hole, creamy blush, carnation striped, clear and beautiful; Col. Hood, scarlet feathered with crimson; J. W. Lane, scarlet with white stripes, yellow throat and crimson feather—a fine bold flower; Mr. Duffield, reddish violet with crimson feathers; Achille, deep red shot with lake, throat yellow; Donald Beaton, pink striped and blotched with maroon on all the petals; Mr. Rucker, scarlet with white throat and crimson feather—a very large flower; Mowbray Morris, fine scarlet, shaded white throat and deep crimson feather; Prime Minister, scarlet with violet throat; Towardi, deep salmon, a fine bold flower; and Madame Vilmorin, deep rosy purple with crimson feather. From Messrs. PAUL & SON also came some fine spikes; and Mr. CATTELL, of Westerham, contributed a collection in pots.

Phloxes, which were exhibited in the shape of cut spikes, and in pots, were really beautiful; the best came from Mr. STANDISH, in whose stand were fine examples of Madame Lierval, brilliant crimson; M. Forest, equally good in colour, but smaller; M. Amazili, pink with crimson eye; M. Moisson, white with pink eye; George Washington, crimson; John Standish, white with pink eye; Madame Marseau, white with large bright rosy eye; and Madame Vilmorin, a large flesh-coloured sort, flushed with rose. Messrs. CATTELL & CUTBUSH also showed some handsome varieties, the most striking among which were Triomphe de Twickle, pink striped with white; Dr. Josset and Madame Rougier, the last white with pink eye.

Of **Verbenas** the best stand was contributed by Mr. PERRY, of Castle Bromwich, near Birmingham. The sorts were chiefly seedlings unnamed, all large and handsome. Messrs. MINCHIN and Dr. COOPER of Slough also showed some fine varieties, the best of which were Mrs. Moore and Garibaldi among violet sorts with white eye; Great Eastern, pink with yellow eye; Fairest of the Fair, white with pink eye; and, among Scarlets, Firefly and Géant des Batailles.

Cut **Roses** were shown by Messrs. MITCHELL, KEYNES, LAING, & CUTBUSH. From the Rev. W. RADCLYFFE, of Blandford, came a good collection, which was placed first among amateurs. Among new kinds, Senateur Vaise and Louis XIV. are gems which must long hold a first place among roses, and there were some good examples of Lord Raglan and Gen. Jacqueminot, which seemed to have stood the drought well.

Miscellaneous subjects were numerous, and formed a promi-

nent feature of the exhibition. First amongst them must be mentioned the fine Lapageria rosea from Mr. Uzzell, gardener to the Duchess Dowager of Northumberland. This had 36 expanded flowers on it and multitudes of buds, three of which occupied every flower stalk. It was growing in a pot in which it had always been kept, in damp peat mixed with a very little silver sand. No admixture of loam had been used, but plenty of drainage, and when growing and flowering a good supply of water. These, together with a cool greenhouse temperature, were the only agents employed to bring about the glorious result which it was the good fortune of those who attended the show to witness. Next in point of interest was a fine collection of miscellaneous plants from Messrs. Veitch, in which were some fine examples of the singular looking Caladium Veitchi, Alocasia metallica, and a variegated kind; various feathered Amaranthus from China, and others of dwarfer growth and more brilliant coloured leaves from Japan; also some Japanese Conifers; fine basketfuls of Odontoglossum grande and other plants, either remarkable for the beauty of their leaves or flowers. Messrs. Lee and Mr. Bull also showed collections of miscellaneous plants, in which were various Palms, Ferns, Cordylines, variegated Yuccas, Theophrastas, Cyanophyllums, Caladiums, among which the most striking was the white powdered leaved C. Belleymei, Alocasia metallica, and the rich reddish brown-leaved Coleus Verschaffelti. This last was shown by Mr. Bull. From Mr. Glendinning, of Turnham Green, came an interesting collection of hardy Conifers in pots, including Wellingtonia, Thuja gigantea, and other favourite sorts. Japan Lilies were shown in good condition by Messrs. Turner, Cutbush, and others, and there were long benchfuls of Orchard-house trees in fruit from Messrs. Lane & Son, of Great Berkhampstead. From Mr. Macintosh, of Hammersmith, were two finely grown plants of Veronica meldensis and Andersoni.

Of **Fruit** a small basketful of Mill Hill Hamburgh Grapes from Mr. Drummomd, Beechwood, Tunbridge Wells, attracted much attention on account of the great size and beauty of the berries, which were finely covered with bloom. Of the bunches individually little could be seen; but the berries were in every way perfect. Two good Queen Pine Apples were shown by Mr. Bray; and Mr. Conolly, of Hazlewood Castle, Tadcaster, exhibited examples of Ribston Pippin Apples from a graft inserted in the centre of a trained Jargonelle Pear Tree. This has

survived three years, during the two last of which it has borne Apples of the usual size and flavour. Of Salway Peach, a good yellow-fleshed variety was shown by Mr. TURNER, of Slough.

Various thermometers and garden instruments were shown by Mr. CASELLA, of Hatton Garden, and some handsome Majolica vases and other devices in China were contributed by Messrs. PHILIPS, of Bond Street.

The Sub-committee of the Floral Committee appointed to examine the new Plants and Seedling Flowers submitted on this occasion for adjudication, reported its proceedings as follows:—

Retinospora pisifera:—from Messrs. VEITCH & SON, Exeter and Chelsea. These were young seedling plants of a remarkably elegant evergreen conifer from Japan, of which seeds had been sent to England by Mr. J. G. Veitch. The little plants showed prettily recurved tips to their branches, which were clothed with acute leaf-scales. The species was awarded a FIRST-CLASS CERTIFICATE, as a valuable addition to hardy evergreens.

Gesnera refulgens:—from Mr. W. BULL, F.R.H.S., Chelsea. A fine-looking vigorous-habited Gesnera (a foot and a half high, but not in bloom), apparently a vigorous broad-leaved form of, or close ally to *G. cinnabarina*. The leaves were broad cordate, with a mottled green and warm brown surface, velvety with purplish-red hairs. It was COMMENDED for the fine appearance of its foliage.

Sedum carneum variegatum:—from Messrs. E. G. HENDERSON & SON, St. John's Wood. A dwarf trailing herbaceous plant, with fleshy terete branching reddish-coloured stems, a foot or so in length, furnished with linear leaves, which were glaucous green, edged with creamy-white, and arranged in whorls of three. The flowers, not however borne on the plants exhibited, are stated to be yellow. It was COMMENDED as a neat and elegant plant for suspended baskets, and for rock-work.

There were also shown among New Plants:—

Retinospora obtusa:—from Messrs. VEITCH & SON. This species had already received the highest award of the Society at the exhibition on June 5th. The plants now shown were young healthy seedlings, corresponding in age and size with those of *R. pisifera* already mentioned.

Campanumœa lanceolata: — from Mr. J. STANDISH, F.R.H.S., Bagshot. This was a curious climbing plant, but

rather dull-looking in its flowers. The stems were slender, dark-coloured, terete, bearing ovate-lanceolate leaves, which were opposite on the stems, and collected in a semi-whorled manner beneath the shortly cymose inflorescence which terminated the short lateral branches. The cymes were few-flowered, the flowers bell-shaped, green outside, and dull-brown within half-way down, the base being green speckled with brown. It was a curious and interesting plant, but not of a very showy character.

Veronica Andersoni variegata nana:—from Mr. G. McIntosh, Hammersmith. These were young plants of an apparently dwarf form of variegated Veronica, having the leaves edged with cream-colour. The small plants shown were not unlike the variegated *Agathæa*; but they were considered too immature to admit of any opinion being formed as to their use as objects of ornament. Mr. McIntosh also produced a loose habited variety of *Thuja orientalis*.

Gymnogramma trifoliata:—from Mr. W. Bull. This was a fine erect habited fern, with the pinnæ lance-shaped like willow leaves: these, when the plant has reached a mature age, growing in threes, whence the name. The pinnæ were more or less clothed with a whitish powder, which clothing is, in some forms of the species, yellowish.

Ionopsis sp.:—from Mr. B. S. Williams, Holloway. An orchid of slender habit, with elongated oblong leaves, and a drooping branched panicle of pretty little blush-coloured flowers, of which the lip was comparatively large, veiny, with a purple spot in the centre, and the rest of the parts very small.

Phalænopsis Schilleriana:—from Mr. B. S. Williams. A species with variegated leaves, but not in bloom. Though a very interesting and valuable plant, it was not enough advanced to show its real merits.

"**Unknown Plant from Manilla**:"—from Mr B. S. Williams. Under this designation was again produced a curious unnamed plant, which had already appeared at the opening exhibition. It grew flat against a board, and consisted of roundish green bodies mottled with gray, alternately larger and smaller, just overlapping each other by the edge, and forming a string of variegated convex discs, which have been compared to a row of green tortoises. The plant is supposed to be some species of *Dischidia*.

Dianthus superbus hybridus:—from Mr. Jennings, Shipton-on-Stour. These were cut blossoms of a plant stated to be a

"cross between *D. superbus* and *D. chinensis Heddewigii*, well adapted for bedding, and growing 12 to 15 inches high." The flowers were large, rosy lilac, with jagged petals. No opinion could be formed of its value in an ornamental point of view, in the absence of the growing plant.

Amongst Florists' flowers there was considerable competition, a large number of Seedlings being shown, namely :—

Dahlia Lord Derby:—from Mr. POPE, Chelsea. A bright rosy crimson or crimson-purple variety, of full size, and well-formed. This was considered the flower of the year, and was awarded a FIRST-CLASS CERTIFICATE. It had been Commended on September 20th, 1860.

Dahlia Model:—from Mr. C. J. PERRY, Birmingham. An orange-buff, of good form, medium in size, and well up in the centre. It was granted a FIRST-CLASS CERTIFICATE.

Hollyhock Lady King:—from Mr. W. CHATER, Saffron Walden. This was a very fine variety, producing crimson-scarlet flowers. It had been Commended on August 20th, and was now awarded a FIRST-CLASS CERTIFICATE.

Hollyhock Invincible:—from Mr. W. CHATER. A delicate salmon-coloured sort, of good outline. This also was Commended on August 20th, and was now granted a FIRST-CLASS CERTIFICATE

Dahlia Goldfinder:—from Mr. KEYNES, F.R.H.S., Salisbury. A large chrome-yellow, slightly tipped at the back of the florets with salmony-rose. It was COMMENDED.

Dahlia Black Prince:—from Mr. KEYNES. A variety of average size, and likely to prove a useful dark shaded flower. This received COMMENDATION.

Dahlia Mrs. Bush:—from Mr. TURNER, F.R.H.S., Slough. A bright rose, of average properties. It was COMMENDED for its pleasing colour.

Dahlia Reliance:—from Mr. G. RAWLINGS, Bethnal Green. A striped blush, which was COMMENDED as a useful fancy flower.

Dahlia Countess of Portsmouth:—from Mr. G. RAWLINGS. A creamy white, tipped with rosy-purple, and considered a very promising flower. It was COMMENDED.

Dahlia Delicata:—from Mr. C. J. PERRY. A useful variety of a rosy-tinted fawn colour. It was COMMENDED.

Dahlia Handforth Hero:—from Mr. J. HENSHAW, Handforth, Manchester, a light orange-red, of good form. It was COMMENDED.

Hollyhock Prince Imperial:—from Mr. R. W. BIRCHAM, Hedenham Rosary, Bungay. A dark claret-coloured variety, of moderately good form, but with the guard petals rather rough. It was COMMENDED on account of its strong colour.

Besides the foregoing there were:—

Dahlias:—from Mr. TURNER: **Count Cavour**, primrose, slightly tipped; **Majestica**, maroon, of good shape, but the florets too angular; **Candidate**, crimson; **Chieftain**, a coarse variety. —From Mr. HARRISON, Darlington: **Lady Bolton**, white, coarse; **John Harrison**, red, of fair average quality; **Belle**, blush, very ribby and coarse.—From Mr. DODDS, Salisbury: **Minnie Dodds**, peach colour, or shaded rosy-lilac; this, which was now out of condition, had received a Commendation on August 13th; **Volunteer**, carnation striped, too confused; **Lady Elcho**, primrose, slightly tipped with rose, deficient in form; **Blondin**, rosy-purple, tipped with white, too coarse.—From Mr. C. J. PERRY: **Paragon,** golden-yellow, edged with rosy-scarlet, an attractive sort; **Mauve Queen,** mauve colour, with florets of good substance.—From Mr. G. RAWLINGS: **Sir J. Outram**, crimson, of good outline, but with bad centre; **Empress of India,** dark shaded maroon, too coarse.—From Mr. KEYNES: **Royal Purple,** deep purple, too flat; **Imperial,** dark amaranth or ruby-purple, somewhat quilly; this was Commended on August 20th; **Goldfinch,** primrose, suffused with cherry; **Maid of Bath,** white, faintly tipped with purple, rather confused: commended August 20th; **Oscar,** light red; **Maria Carter,** white, heavily tipped, attractive: commended August 20th.—From the Rev. C. ROE, Little Welnetham Rectory, Bury St. Edmonds: **Bridesmaid,** canary-yellow, slightly tipped, deficient in properties.—From Mr. POPE: **Crimson King,** too confused; **Bena Spicer,** yellow, no improvement.—From Mr. COOLING, Mileash Nurseries, Derby: **Volunteer,** salmon-buff, too flat and confused.—From Mr. VINCENT SIMPKIN, gardener to C. T. NOTTS, Esq., Clendon Hall, near Sunderland, an unnamed seedling, rosy-lilac, large and somewhat coarse.

Hollyhocks:—from Mr. BIRCHAM: **Countess of Stradbroke,** sulphur-white, undecided.—From Mr. W. CHATER: **Macrantha,** rosy-carmine, coarse; **Erebus,** crimson, coarse; **Agenora,** light rosy-purple, deficient in properties; **Hesperis,** deficient in properties.

Petunias:—from Messrs. F. & A. Smith, Dulwich: **Clara,** purple, with white edge; **Mrs. A. Smith,** white, with a starry

striped crimson-purple throat, not sufficiently defined; **Count Cavour**, a green-edged variety, deficient in properties.

Fuchsia Marchioness of Bath:—from Mr. G. Wheeler, Warminster. A light-coloured variety, white, with rosy-carmine corolla, not considered to present any marked improvement on existing varieties.

Variegated Pelargonium Gold-leaf:—from Messrs. E. G. Henderson & Son. A variety, in which the leaves were broad, flat, and almost wholly yellow, the younger ones being greenish; this was, however, considered to be an undesirable as well as uncertain condition.

Verbena Maid of Athens:—from Mr. R. T. Hawkins, Weymouth. This was shown as a variety of "a new shade of colour, of excellent habit, and a remarkably free bloomer." A cut truss only was sent. This was of average size, the pips large, but not well formed, dull deep reddish purple or plum colour, with large white centre. It appeared to be too dull in colour.

XCV.—MISSION OF COLLECTOR TO BRAZIL.

Two cases of Plants have been received last month from Mr. Weir.

His letter announcing them, and the list of their contents, are as follows:

Rio de Janeiro, *Sept.* 6, 1861.

Sir,—I have to-day delivered on board the Royal Mail Packet Oneida, which leaves this port on the 8th instant, two cases containing upwards of twenty species of plants, all more or less remarkable for the beauty of their foliage. Several of them are the same as those sent before packed in sawdust, but as I am uncertain whether they survived the voyage packed in this manner, I have thought it right to send a few plants of each again. They are all in excellent condition now, and I hope they will arrive in England in the same state. The cases have been shipped by Mr. Fry, who will forward the bill of lading by this mail.

I return to Belem to-morrow for another week or two, after which it is my intention to proceed to St. Paul. By next mail I will send accounts of my expences, and of the sums of money I have drawn from Messrs. Fry.

I am, Sir, your most obedient servant,

John Weir.

To the Secretary of the Royal Horticultural Society.

The following is the list of the contents of the two cases:

1.—4 Plants, No. 13. (Tubers of this sent before, with remarks on its locality, &c.)—(*only one plant in the case on arrival.*

2.—6 Plants, No. 20. (Plants sent before, packed in sawdust.)

3.—3 Plants, No. 11. (Plants sent before.)
4.—3 Plants, No. 12. (Plants sent before.)
5.—6 Plants, No. 34. A small creeping species from woods near Sao José de Cacaria and other woods near Belem. The leaves are prettily marked with silver-grey.
6.—20 Plants, No. 39. A species from Quemeidos, perhaps a variety of No. 11. Grows 1½ feet high; the leaves are marked along the midrib and primary veins with silver.
7.—20 Plants, No. 51. This species grows in woods, at an elevation of 2000 feet, on the Serra do Mar. It attains a height of 10 inches; the leaves are beautifully netted with silver—(*one dead on arrival*).

These are all small Acanthads, apparently of the same genus. Their leaves are all variegated with silver, and their flowers are produced in terminal spikes, and are generally white.

8.—3 Plants, No. 43. A small species from woods in the Serra; elevation, 2000 feet. The leaves are marked with silver.
9.—25 Plants, No. 40. A Melastomad, from thick forests on the Serra do Mar, at an elevation of 2000 feet. It grows to a height of about 2 feet. The leaves, when at their largest, are 9 or 10 inches long by about 5 or 5½ broad; they are 5-ribbed and beautifully crisp, cordato-lanceolate in form, and of a rich purple colour on both sides, the upper being the darker of the two, sometimes having a bronzy tinge, and is always plentifully studded with beautiful pearl-white spots, similar to those of the *Sonerila Margaritacea*. The flowers I have not seen, but have a few specimens with the old flower-spikes remaining. They are produced from the axils of the uppermost leaves, above which they rise a few inches, bearing small irregular corymbs of three-cornered capsules. *Probably a Bertolonia—very handsome.*
10.—6 Plants, No. 41. A species, apparently, of the same genus as No. 40, and from the same locality. This plant reminded me strongly of some of the Indian Sonerilas, both in its habit and in the appearance of its neat oval-ribbed leaves. I have specimens with the old capsules; they are similar to and are produced in the same manner as those of No. 40. The leaves are white on the under side.
11.—5 Plants, P* 4. This is perhaps *Calathea zebrina*; if so, it grows larger and finer here than it generally does in cultivation. I have seen a mass of it about 7 feet in diameter, many of the leaves being 2½ feet and upwards in length. It prefers damp parts of the forests.
12.—2 Plants of a small Maranta or Calathea, from woods in the Serra, elevation 1500 feet; the leaves are striped with white. (Labelled P 5.)
13.—1 Plant of a small twining shrub. (Labelled P 6.) Its leaves are ternate, each leaflet being marbled or blotched with bluish-white. From a forest in the Serra; elevation 1000 feet.
14.—6 Plants, P 7. A plant (*Dichorizandra*) from woods near Belem, and in the Serra. The leaves are purple on the under side, above they are marked with two silvery bands. Not in flower.
15.—2 Plants of a terrestrial Orchid (P 8), from a wood in the lower parts of the Serra. It grows among leaf-mould accumulated on shelves of rocks. Its leaves are longitudinally marked with broad bands of silver-gray.
16.—2 Plants of an Orchid, similar to the last, but the leaves are spotted instead of being banded. (Marked P 9.) It grows in the same situations.

* P is the mark employed by Mr. Weir to indicate that he has no dried specimens of the plant.

17.—2 Plants, No. 44, a Darstenia, from forests round Belem, and in the Serra. The leaves are blotched with white.
18.—1 Plant, No. 45. A species akin to the last, and from the same localities.
19.—1 Plant, P 10. A climber, with prickly stem, from near Belem. The leaves are spotted with white. This plant in a plain state is common, both in the level grounds and in the Serra. It is not in flower.
20.—2 Plants of a Begonia from the Serra dos Mendos and woods in the Serra do Mar. The leaves are dark velvety green, with pale veins. (Labelled P 11.)
21.—1 Plant, P. 12, a sport of a broad-leaved grass, from Belem.
22. Plants of No. 49, from forests in the Serra; elevation 1500 feet. This species, like an Oxalis, with a slender naked stem; the leaves are crowded at the top of the stem; they are purple beneath, and faintly blotched with silver above. The flowers are yellow, and are produced from between the leaves.
23.—4 Plants, P. 3. This plant is common in the forests here, and is exceedingly variable. Some plants have the leaves quite plain. The four plants in one of the cases are about the prettiest I have seen.

"All the above species grow in thick woods, where they get little or no sun. The soil all over this part of the country is a reddish loam, but in the forest this is covered, often to a considerable depth, by a black vegetable mould." The above have all arrived in fine order, with the exceptions marked.

XCVI.—REPORTS OF THE FLORAL COMMITTEE.

September 24th, 1861.—The Rev. Joshua Dix, F.R.H.S., *in the Chair.*

The subjects of exhibition at this meeting were:—

Echeveria sp.:—from Mr. Wicks, gardener to W. Wilson Saunders, Esq., Treasurer R.H.S., Reigate. This was a fine-looking succulent plant but not in flower. The leaves were broad obovate, apiculate, glaucous, and of a purpurascent hue, the extreme margin being pale green. It was thought to be most nearly related to *E. gibbiflora*, but differing in having obtuse purple-tinted leaves. A First-Class Certificate was given to it.

Cyrtomium caryotideum:—from the garden of the Society—to which it had been presented by W. Wilson Saunders, Esq. This was thought to be quite deserving the award of a First-Class Certificate in order to mark its merits. It was a moderate sized, bold-looking pinnate species, with broad oblique serrated pointed pinnæ, the terminal one being unequally lobed so as to resemble a leaflet of the Caryota palm. It is a native of

India and China, and is a fine evergreen species, nearly or quite hardy.

Anigozanthus Manglesii:—from Mr. F. R. KINGHORN, Richmond. A very curious and little known greenhouse herbaceous perennial with narrow sword-shaped leaves, and a tall scape supporting a simple spike of odd-looking but richly-coloured green and crimson flowers, whose surface is clothed with a velvet-like pile of short branched coloured hairs; the basal part of the flowers was crimson and the upper part green. This was awarded a SPECIAL CERTIFICATE on account of its rarity and curiosity.

There were also shown besides these:

Lælia sp.:—from J. DAY, Esq., Tottenham. This had large flowers with blush-coloured sepals and petals, and the lip tipped with purple. It was, though a fine plant, thought to be wanting in distinctness from other kinds.

Lophospermum grandiflorum coccineum:—from Mr. G. M'INTOSH, Hammersmith. This was a variety with the habit of *erubescens*, and producing deep rosy-crimson flowers, slightly spotted on the limb and streaked on the tube with white. It was not thought sufficiently distinct for reward.

Oxalis corniculata atropurpurea:—from Mr. HARLAND, gardener to Sir CULLING E. EARDLEY, Bart., Bedwell Park, Hatfield. This was a dwarf purple-leaved annual Oxalis, useful as an edging plant. It was accompanied by the following memorandum from Mr. HARLAND:—

"I beg to forward for the inspection of the Floral Committee, two plants of an Oxalis, which was purchased in Prussia by the late Lady Eardley some three years since under the name of *Oxalis tropæoloides*. Whether it was new in this country at that time or not I am not prepared to say; but I may add that it has been distributed into various parts of this country since it came into our possession. My immediate object is to bring it into notice as a valuable addition to our flower gardens during the summer months, either as an edging or for small beds, especially in geometrical gardens, where dwarf plants of decided colours are invaluable. It is also particularly adapted for edgings to walks in orchard-houses, conservatories, &c. The two plants sent have been raised and grown in the open air. You will observe that it possesses the power of taking root at each joint similar to a Verbena. It is an evergreen (though strictly speaking copper-coloured), fibrous rooted, perennial; its height is about 3 or 4 inches in the open air."

Vaccinium Vitis Idæa fol. variegatis:—from Mr. SALTER F.R.H.S., Hammersmith. A neat dwarf evergreen shrub, having the small roundish leaves edged and mottled with white. It

was COMMENDED as a pretty dwarf bush rising a few inches above the ground, and suited for beds of American plants.

Arabis procurrens fol. variegatis:—from Mr. SALTER. A pretty dwarf herbaceous perennial adapted for rock-work. The leaves, which were spathulately lanceolate and grew in little rosulate tufts, were conspicuously edged with white.

Fuchsia corymbiflora fol. variegatis:—from Mr. SALTER. A form of the well known *F. corymbiflora*, in which the leaves were margined with cream-colour and suffused with a pinkish tinge.

Pelargonium tetragonum fol. variegatis:—from Mr. SALTER. A variety of the square-stemmed Pelargonium, an old-fashioned Cape species, in which the leaves were variously blotched and edged with white, more or less suffused with rosy pink, and the green parts marbled with yellowish green.

Mentha heterophylla fol. variegatis:—from Mr. SALTER. A dwarf slender species with narrow leaves indistinctly whitish at the edges.

Weigela rosea nana fol. variegatis:—from Mr. SALTER. A rather showy variety, having the leaves edged with yellowish green of a much lighter tint than in *W. amabilis fol. variegatis.*

Salvia tricolor:—from Mr. SALTER. A curiously-marked slender subshrubby species, with small ovate oblong leaves, and rather sparely produced small white flowers, in which the upper lip is tipped with rosy crimson and the lower one with carmine.

Among Florists' flowers a few interesting subjects were shown, namely:—

Dahlia Mrs. Bush:—from Mr. TURNER, F.R.H.S., Slough. A very beautiful variety of a bright light rose colour. It had been Commended on the 11th inst., and was now produced in a much better condition, first-class in every respect, and was awarded a FIRST-CLASS CERTIFICATE.

Fuchsia Universal:—from Mr. G. SMITH, Hornsey Road. A moderately vigorous variety of good habit, with small foliage and abundant double flowers. The latter form very large globular buds, and when expanded have a short tube, pale red sepals, and a dark violet corolla very full and compactly doubled, streaked with red at the base. It has a good deal the aspect of the old *Fuchsia globosa*, but has the flowers much larger and full double. This was COMMENDED.

Dahlias:—from Mr. TURNER: **Ensign**, a small red; **Lord**

Derby (*Pope*), a fine bloom, showing that the variety maintained the character stamped on it by the award previously made.—From Mr. G. Wheeler, Warminster: **Ringleader**, a seedling of 1860; the flowers were coarse and quilly, of a deep buff colour.—From Messrs. Chater & Co., Braintree: **King of the Dwarfs**, a bedding variety of good habit, being dwarf, about 2 feet high, densely branched, and throwing the flower-heads well up on stout footstalks; the colour was a dark claret.

Antirrhinums:—from Mr. Salter: a collection of Seedling varieties, among which the following were the most striking: **Lineata superba**, closely reticulated with rosy veins, the palate yellow; **Versaillaise**, white tube, and purple crimson lips; **Surpass Empress**, white with purplish tube.

October 8.—The Rev. Joshua Dix, F.R.H.S., *in the Chair.*

The numerous interesting subjects shown on this occasion were as follows:

Bougainvillæa glabra:—from Mr. Daniels, gardener to the Rev. C. E. Ruck Keene, Swyncombe House, Henley-on-Thames. This was exhibited under the names of *B. splendens* and Mr. Duncan's variety of *Bougainvillæa*, but proved to be the plant named above. Respecting it, Mr. Daniels wrote:—

"You will find it very beautiful, and it is much less difficult to cultivate and to bloom than *B. speciosa*. The plant in my possession is now five feet in height, and well furnished with branches, at the point of every one of which there is a panicle of blossoms like the one sent. It is not yet a year old, and has been grown in a greenhouse the greater part of the summer. I have not the least doubt but it will do well in a warm conservatory, being much hardier than *B. speciosa*."

The plant proved to be very distinct from the species exhibited on a former occasion, and decidedly inferior to it in beauty. It was nevertheless a very handsome plant; and relying on Mr. Daniels' statement of its greater hardiness, and more cultivable character, having regard moreover to the probability of its being an autumn-blooming plant, the Committee unanimously awarded it a First-Class Certificate. The branches in the specimens exhibited were slender, and, as well as the leaves, nearly smooth, having none of the hairiness of *B. speciosa*, but merely a slight and very fine pubescence; and they were furnished with short curved supra-axillary spines. The leaves were thin, elliptic, acuminate,

and tapered into the short footstalk, altogether about $4\frac{1}{2}$ inches long and $1\frac{1}{2}$ inch broad. The branches of the inflorescence were bare towards the base, so that the panicle was comparatively thin, and they were trichotomous at the ends, each branchlet bearing a triplet of cordato-ovate acute pale rosy-coloured bracts, about $1\frac{1}{2}$ inch long, and not much exceeding the flowers.

Cyperus alternifolius variegatus:—from Messrs. Veitch & Son, Exeter and Chelsea; and also from Mr. W. Bull, F.R.H.S., Chelsea. This was a reedy plant of graceful habit, about a foot and a half high, the slender rushy stems bearing at their top a whorl of grassy leaves, both leaves and stems elegantly striped with white. The amount of variegation was variable, sometimes largely developed, and occasionally appearing to be almost or quite lost, but all the plants had a well marked variegated character which will render this an acquisition amongst the ornamental foliaged inmates of hothouses. Like the green-leaved form, there can be no doubt this is an aquatic. It received a First-Class Certificate.

Calamus australis:—from Messrs. Veitch & Son. A pretty looking, slender-stemmed, upright, dwarf habited Palm, the stems of which were prickly, and the pinnated leaves also prickly along the margins and principal ribs. It was awarded a First-Class Certificate.

Alocasia macrorhiza variegata:—from Messrs. Veitch & Son. A bold-looking strong growing Arad, with the usual cordato-sagittate leaves, which were here of large size, and irregularly marked with blotches or large segments of creamy-white, as well as mottled with grayish green on the green parts, the leaves being marked in a very variable manner, and sometimes with a large proportion of the surface white. The stout erect stalks were also varigated. The plant exhibited was in a well-marked condition of variegation, and was awarded a First-Class Certificate.

Lepanthis Calodictyon:—from Messrs. Osborn & Son, Fulham. A minute but lovely little orchid, producing a small tuft of thread-like stems, about 2 inches high, each furnished with several campanulate ciliated sheaths and terminated by a small ovate leaf, beautifully veined with rich dark olive brown on a pale green ground. The flowers, which are very minute, are found to be extremely beautiful when seen under a magnifier. This had been obtained from Guayaquil. It was awarded a First-Class Certificate.

Anæctochilus sp. :—from Messrs. OSBORN & SON. This was a pretty species from Guayaquil, with broad ovate leaves of a deep bottle green, marked over the surface with numerous bright silvery-hued angular spots. It was a very distinct plant, and received a FIRST-CLASS CERTIFICATE.

Dahlia Miss Henshaw :—from Mr. J. HENSHAW, Handforth, Manchester. The blooms of this were rather above medium size, full, and tolerably regular, the colour a creamy white. It was thought worthy of COMMENDATION.

Bouquet or Pompon Dahlias :—from Messrs. E. G. HENDERSON & SON, St. John's Wood. This was a collection of twenty varieties of a new race of Dahlias, of continental origin, in which the flowers are lilliputians in size, and hence admirably adapted for table bouquets, and stands of cut flowers. The flower-heads or " blooms " vary from about 2 inches to 2½ inches in diameter, and are of varied colours, differing in quality, some varieties being remarkable for fullness and the symmetry of the cupped florets. They are a very ornamental race, likely to become highly useful in decorative gardening. A SPECIAL CERTIFICATE was awarded for the collection.

Bignonia venusta : — from Mr. ROGERS, gardener, to J. NOBLE, Esq., Berry Hill, Taplow. These were fine cut specimens of one of the finest of stove climbers. The long trailing branches were wreathed with magnificent corymbs of the rich orange tubular flowers. It was awarded a SPECIAL CERTIFICATE.

Bertolonia marmorata :—from Messrs. VEITCH & SON. This plant, shown under the synonymous name of *Eriocnema marmorata*, afforded an exquisite example of beautiful foliage. The plant itself was dwarf, with a few pairs of its broad ovate, longitudinally ribbed leaves, the surface of which was of a rich velvety olive-brown, mottled with green, the courses of the ribs being marked with broad bands of bright silver of which the central was broadest. The contrast was in every way charming. A SPECIAL CERTIFICATE was awarded for its high cultivation, and the perfect condition in which it was shown.

Hardy Ferns :—from Messrs. IVERY & SON, Dorking. This was a well-cultivated group of these favourite plants, consisting of about a score of the more interesting British species and varieties, with one or two of exotic origin. They very well merited the SPECIAL CERTIFICATE which was awarded to the collection, in which were: *Lastrea Filix-mas cristata* and *Jervisii; Lastrea lepidota; Lastrea æmula; Polystichum Lon-*

chitis; Athyrium Filix-fœmina Frizelliæ, and *laciniatum; Asplenium fontanum; Blechnum Spicant ramosum; Woodsia ilvensis;* and *Woodwardia orientalis.*

The remaining exhibitions were as follows:—

Chrysanthemums:—from Mr. W. Bull. A group of the early-flowering varieties, useful at this season when flowers are getting scarce; the group consisted of **Estelle,** rose-coloured and of dwarf habit; **Comtesse de Thun,** tawny yellow; **De la Quintynie,** rose; **Madame Bachoux,** blush; and **Baron Duhamel de Breuil,** coppery red.

Gymnogramma Laucheana:—from Mr. W. Bull. A fine variety of golden fern, dwarfish and compact in habit, and very highly coloured, and having the recommendation of being of a vigorous constitution. It is one of the best of the golden Gymnogrammas, and is tolerably well known in gardens.

Rhynchosia albo-nitens:—from Mr. W. Bull. A South American climber recommended for the rafters of greenhouses in place of such plants as *Kennedyas.* It had trifoliate leaves with longish ovate leaflets, marked in the centre with an elongated whitish blotch, and did not appear to be very effective.

Davallia aculeata:—from Mr. W. Bull. A singular bramble-like prickly climbing fern, with small leaflets, and altogether a very distinct and interesting plant, but not new.

Campylobotrys Gheisbreghtii:—from Mr. W. Bull. An upright-growing soft-wooded South American species, with square almost winged stems, and opposite elliptic-lanceolate leaves, of a dark velvety olive green, reddish beneath. It appeared to be inferior to other species already known.

Caladiums:—from Mr. W. Bull: **cupreum,** a species with moderate-sized sagittate leaves, the colour of which was of a reddish coppery hue, distinct-looking, but rather dull; **Schœlleri,** another very distinct sort, with oblique-based leaves of ovate outline rather drawn out at the point, green, the midrib marked out by a white central line from which about two other short lines diverge on each side. They were both inferior to many other kinds already in cultivation, but quite distinct.

Fuchsias:—from Mr. W. Chater, Saffron Walden: **Primus gradus,** cut blooms of a large double red and violet variety, described as free-flowering and free-growing, but which did not present any remarkable character in the flowers sent.—From Mr. G. Wheeler, Warminster: **Grand Admiral,** a large double-

flowered variety, of good free-blooming habit, with red sepals and a moderately full violet corolla; it was rather damaged by travelling, but did not apparently present any very distinct features.

Lobelia Purple Standard: — from Mr. KINGHORN, Sheen Nursery, Richmond. Two plants were now sent to show the habit and character of this variety, which had been previously rewarded by the Committee. They had been small plants planted out in an exposed bed about the middle of June, and had received no training or support, except from one short central stick. The plants had formed a crowded mass of blooming shoots from the base, and showed the variety to be a very good and useful border plant, with purple flowers of moderate size.

Anæctochilus sp.:—from Messrs. OSBORN & SON. A distinct species from the one previously noticed, also imported from Guayaquil, and having ovate lanceolate or narrowish elongated leaves, the surface of which was green with squarish silvery blotches as though the spaces between the veins, instead of the veins themselves, were so coloured. It was reserved for comparison with *A. querceticola*, a similar kind. Messrs. OSBORN & SON also had a flowerless Orchid from Guayaquil, with oblong leaves, which were dotted with round silver spots.

Ætheria javanica:—from Messrs. VEITCH & SON. A very pretty Anæctochilus-like plant, with olive-green leaves having a velvety lustre, and marked with a series of oblong pallid or yellowish-green blotches on each side the costa. The plant was scarcely enough developed.

Areca sapida:—from Messrs. VEITCH & SON. A vigorous young plant of one of the finest of greenhouse palms, having elegant pinnated foliage with long narrow leaflets. It is now tolerably well known in gardens, in which it deserves to be still more extensively grown.

Spiranthes Lindleyana:—from Messrs. VEITCH & SON. A dwarf variegated Orchid, the leaves of which were smooth, ovate-lanceolate, dark green, longitudinally banded with white, and having a neat and distinct appearance, though by no means comparable with Anæctochili.

Lobelia Erinus atro-rosea:—from Messrs. CARTER & Co., Holborn. This was exhibited as a new variety raised from *L. E. speciosa* by Mr. Dunnett, one of the firm, residing at Dedham. It formed a dwarf compact tuft, with rather small flowers, which were of a deep-purplish rose-colour.

Zinnia elegans flore-pleno:—from Messrs. CARTER & Co. A

very good sample of this novel flower, exhibiting various shades of colour.

Statice Frostii:—from Mr. FROST, gardener to LADY GRENVILLE, Dropmore. This was a hybrid raised between *S. Holfordii* and *S. imbricata*, and was a stout-growing plant of tree-like habit, with large lyrately pinnatifid leaves, having a finely downy surface; the flowering stem was tall slightly-winged terminating in a rather thin and open corymbose head of deep-purple flowers. The foliage of this hybrid was distinct-looking, and the colour of the flowers remarkably rich, but they were too much elevated; if this latter habit should prove remediable it will be a fine addition to the genus.

Calceolaria canariensis: — from Mr. G. SMITH, Tollington Nursery, Hornsey Road. The plants now shown well maintained the character given to the variety by previous awards; they were dwarf, showy, and remarkably floriferous, indicating even now a good succession of bloom.

Dahlias:—from Mr. POPE, Chelsea: **Bena Spicer,** a large yellow, slightly tipped with red.—From Mr. W. ELLIOT, Lilleshall, Newport: **Lord Francis,** red tipped with white.

XCVII.—REPORT OF THE FRUIT COMMITTEE, OCT. 8TH, 1861.

THE Committee met this day. Mr. EDMONDS *in the Chair.*

The following report of the Oxfordshire Committee, communicated by Mr. BAILEY, the Chairman, was read:—

OXFORDSHIRE FRUIT COMMITTEE OF THE ROYAL HORTICULTURAL SOCIETY, SEPT. 16, 1861.—The Chairman produced a bunch of **Trentham** Black Grape, which was thought to be very much like the Black Hambro' in flavour, rich, sweet, and juicy. Mr. Bailey observed, that in Hogg's 'Fruit Manual,' it is described as a first-rate keeper, being for that purpose very superior to the Black Hambro'. Mr. Bailey said he did not fruit it till last season, but should give it a further trial this year, after which he hoped more fully to corroborate Dr. Hogg's opinion.

At this Meeting no other fruit was produced, but it was impressed upon the Members that contributions of them would be most acceptable at the next Meeting, to be holden the middle of October. In this suggestion all acquiesced.

Having so little fruit to discuss the merits of, it was suggested by Mr. Robinson, that the Meeting might do well to notice the general produce of the season, which his own department enabled him to give a good account of. His own experience in Oxford Market enabled him to speak thus of it:—of Strawberries, there has been an excellent and luxuriant crop, such a one perhaps, had never before been known. This fruit was sold from 3*d.* to

1*s.* 6*d.* per lb. Raspberries were in general deficient, and sold dear; the average being from 6*d.* to 1*s.* per lb. Mr. Bailey had of these one of the finest crops which he had ever seen; but the general sense of the Meeting was in favour of a deficiency.

Black currants were rather scanty. Red and White currants and Gooseberries:—of these there was a tolerable supply, but many were small, owing to the leafless condition of the trees from the ravages of the caterpillar. These Mr. Robinson thought were in great measure owing to the indiscriminate destruction of the feathered tribe. Mr. Robinson mentioned accounts he had received from many small chemists of the great quantity of corn they had sold ready poisoned for the purpose. He mentioned also that the only place which he found free from caterpillars was one adjoining the garden of the Warden of Wadham, who would not have the birds destroyed. Reference was here made to the recent French stir about this, calling for legal interference with respect to it.

Of Plums, the supply has been great. Damsons were sold at 16*s.* per bushel, and upon one occasion there were upwards of 200 bushels of Plums in the market. Apricots were scarce, and rather dear, fetching from 1*s.* 6*d.* to 4*s.* per dozen. Of Apples and Pears the supply is scanty, particularly of the latter.

(Signed) HENRY BAILEY.

At this meeting prizes were offered for the best three dishes of any variety of Apple; the same of Pear; and the same of Plums. Mr. WHITING, of the Deepdene, exhibited **Beurré d'Amanlis,** which were very juicy, melting, and of good flavour; **Jersey Gratioli,** rather inferior in flavour for that sort, the juice being thin, cold, and watery; and **Brown Beurré,** very richly flavoured. These being the only exhibition for competition, and as they were not remarkable specimens of the sorts, a SECOND PRIZE was awarded to Mr. WHITING.

Mr. WHITING was also the only competitor in Plums. The sorts he exhibited were:—**Coe's Golden Drop,** very fine, of a deep amber colour, and freckled with crimson, flavour exquisite; **Coe's Late Red,** flat flavour; and **Ickworth Imperatrice,** particularly rich. These were excellent examples of the different sorts, and a FIRST PRIZE was awarded to Mr. WHITING.

Mr. THOMSON, gardener to Mrs. DIXON, Stanstead Park, near Havant, sent a collection of seven bunches of seven different kinds of Grapes, grown in an orchard house. Mr. THOMSON's object was to exhibit the relative qualities of the different sorts when grown without fire-heat, and at the same time to show that while the comparison does not detract from the merits of the other varieties, when well grown, the Black Hamburgh is the best for growing under glass without fire-heat. The **Black Hamburgh** bunch was large, well set with large well-coloured berries, and the flesh was tender and of good flavour. A bunch

which was grown against a wall in the open air, though well set and well coloured, was not so large in the berries, nor were they so sweet or well flavoured. **Grove End Sweetwater,** which was the same as *Early White Malvasia* and *Burchardt's Amber Cluster,* was well ripened; but the bunches, as they always are, were small. **Muscat of Alexandria** was quite unripe and acid. **Esperione** was a long loose bunch, with round small berries, having squashy flesh, and acid. **Golden Hamburgh** was a small bunch badly set, and with small berries, which were rather sweet. **Muscat Hamburgh** bunch well set, berries small, and rather acid, but with the Muscat aroma distinct. **Royal Muscadine,** a large bunch loosely set; berries not large, but of good flavour. The thanks of the Committee were awarded to Mr. THOMSON for this very interesting and instructive exhibition.

Mr. WHITING, of the Deepdene, brought a bunch of a large oval black Grape, the name of which was unknown. He received it originally from the Palace Gardens at Armagh. The bunch was very well set with large oval berries, the skin of which was perfectly black, thick, and tough; the flesh rather watery, and not richly flavoured.

Mr. DAVID THOMSON, Archerfield Gardens, near Drem, N.B., sent a bunch of **Muscat Grape** which was "one of six borne by a weakly Vine planted in the spring of 1860, in a border made and planted with different sorts of Muscats in 1859. This Grape was ripe fully six weeks before the *Muscat of Alexandria,* and three weeks before the *Bowood* and the other sorts." The bunch exhibited was long and tapering, like that of a *Muscat of Alexandria.* The berries were large and oval, of a fine amber colour; the flesh firm, as in the Muscats, with a fine rich piquant flavour and a delicate Muscat aroma. The Committee were of opinion that this was a most excellent Grape, and, before pronouncing judgment upon it, requested that Mr. THOMSON would exhibit it at a subsequent meeting along with a bunch of each kind of *Muscat* grown along with it in the same house.

Mr. GEORGE THOMSON, gardener to Mrs. DIXON, Stanstead Park, near Emsworth, Hants, sent remarkably fine fruit of **Salway Peach,** grown upon the back wall of an orchard-house. The fruit was very large, and of a fine bright golden-yellow colour, covered on the side next the sun with a fine maroon cheek. The flesh was very juicy and melting, and the flavour was good.

Mr. INGRAM, gardener to HER MAJESTY, sent a dish of a Seedling Pear, raised by him at Frogmore. The fruit is large—

the size of a large *Marie Louise*, of a pyramidal form, somewhat undulating in its outline. The skin is of a fine pale golden-yellow colour freckled with a crust of thin delicate cinnamon-coloured russet, and with a blush of lively crimson next the sun. The flesh is yellowish white, firm but perfectly melting, very juicy and fine grained, with a rich sugary and sprightly juice which is charged with a fine aroma. This is a most delicious Pear, and when tested against Marie Louise was of such excellence it was unanimously awarded a FIRST-CLASS CERTIFICATE. It has been most appropriately named **The British Queen.**

Mr. SPENCER, of Bowood, Chairman of the Wiltshire Fruit Committee, sent a collection of Apples collected from the orchards of Redwich New Passage, near Bristol. The soil rich alluvium, and the elevation the sea level. They were all remarkable for their high and brillant colour, and were chiefly cider and cooking sorts. Among them was one very much like the Blenheim or perhaps still more so like Holland Pippin, which was miscalled Beauty of Kent. A dessert Apple of excellent quality, deserves notice as being one not known generally. It is called **White Moloscha**, and is of the size, shape, and colour of a small or medium-sized Blenheim Pippin, with the same open eye. The flesh is very tender, and crisp as an icicle, very juicy, sweet, brisk, and with a fine perfumed aroma. All the others were more adapted for kitchen use and cider making, and were **Sladway Pippin**, a medium-sized conical Apple, beautifully striped with red, and not unlike Lewis' Incomparable. **New Bidstone**, a large flat Apple, with a very sunken eye, and with prominent knobs round it. The colour is of a brilliant dark crimson on the side next the sun, and on the shaded side of a fine deep golden-yellow. **Red Vallis** is a small Apple, of the shape of the old Nonpareil, and entirely of a deep crimson colour, dotted with specks of yellow russet; this is a cider fruit. **Alexander**, quite distinct from Emperor Alexander, is a small ovate Apple, entirely covered with a ground colour of crimson, and that is again covered with numerous broken streaks of a darker crimson. **Lemand Blaven** is a medium sized conical Apple, beautifully streaked with crimson, as is also the **Wine Apple**, but much smaller. **Nelmes Pippin**, a fine hard and hardy looking Apple, is a good deal like Hunt's Deux Ans in appearance, and is a cider Apple.

GEORGE F. WILSON, Esq., Gishurst Cottage, Weybridge, sent a dish of three very large specimens of **Northern Spy** Apple, which were grown in a pot, the fruit set in an orchard house, and

the tree turned out of doors during summer and autumn. The largest fruit weighed 13½ ounces, and measured 12½ inches in circumference, and the aggregate weight of the three was 34½ ounces. The colouring is a yellow ground, beautifully and closely marked with broken stripes of crimson.

Mr. HODDING, of 38, Craven Hill Gardens, W., sent a seedling Apple of a medium size, conical shape, and with a blush of dull crimson on one side. It did not possess any particular merit to recommend it for cultivation.

Mr. H. J. DOWDEN sent a dish of an Apple grown in the neighbourhood of Bere Regis, in Dorsetshire, under the name of **Long Nose.** The fruit is small and of a conical shape, terminating in a long and narrow apex. It is entirely covered with russet, but as it was not ripe no opinion could be formed of its merits.

Mr. JOHN NEWTON, gardener to G. J. GRAHAM, Esq., East Lodge, Enfield Chase, exhibited fine specimens of **Ribston Pippin, Margil,** and **King of the Pippins.**

Mr. CHARLES TURNER, of Slough, exhibited pods of **Dolichos sinensis.**

Mr. EDMONDS, of Chiswick House, brought roots of a new Turnip Radish, introduced by Dr. ERASMUS WILSON, from Madagascar. It is as large as an ordinary field Turnip, and is of a red colour, like the Turnip called Red Round or Red Globe. Mr. COCK, of Chiswick, sent specimens of Brussels Sprouts grown from his own seed home-saved for many years in succession, and which were quite equal to those produced by seed imported from Brussels.

XCVIII.—GENERAL MEETING, Nov. 4, 1861.

A General Meeting of the Society was held on Monday, Nov. 4, in the Council Room, at the Gardens, South Kensington, Judge DES BARRES in the Chair, when the following candidates were balloted for and elected Fellows, namely :—

Bicknell, Algernon Sidney, 37, Onslow Square, Brompton, S.W.
Birnstingl, Louis, 7, Coleman Street, E.C.
Blayney, The Lord W., Carlton Club, Pall Mall, S.W.
Cavendish, Lieut.-Col. W. H. F., Burlington Gardens, W., and Ayot St. Lawrence, Wellwyn.
Cole, Henry. C.B., 17, Onslow Square, Brompton, S.W.
Cox, George Robb, Cambridge Lodge, Arlington Park, Chiswick, W.
Croggon, Thomas J., 22, Kensington Gardens Square, Bayswater, W.

Dawson, James, Wray Castle, Windermere.
Drummond, Mrs. Frederick, 64, Mount Street, Grosvenor Square, W.
Elliot, Mrs. George, 7, Hyde Park Gate South, W.
Elphinstone, Dowager Lady Dalrymple, Queen's Gate Gardens, South Kensington, W.
Ely, The Marchioness of, 9, Prince's Gate, Hyde Park, W.
Foster, William F., 7, Lower Berkeley Street, Portman Square, W.
Fox, Captain Edwin, Rosemount, Finchley Common, N.
Fry, Mrs., 28, Kensington Gardens Square, Bayswater, W.
Gilchrist, Mrs. G. P., 7, Fitzroy Terrace, Gloucester Road North, Regent's Park, N.W.
Glyn, Mrs. George Carr, 1, Upper Eccleston Street, Belgrave Square, S.W.
Glyn, St. Leger, } 67, Lombard Street, E.C.
Glyn, Mrs. St. Leger, }
Graham, Mrs., 76, Westbourne Terrace, Hyde Park, W., and New Barnes, West Malling, Kent.
Grey, Hon. Mrs. Charles, St. James's Palace, S.W.
Haworth, J. King, 20, Portsdown Road, Maida Hill, W.
Haynes, Edward, 24, South Molton Street, Oxford Street, W.
Herapath, Spencer, F.G.S., 46, Argyll Road, Campden Hill, Kensington, W,
Higgins, Rev. T., Pangbourne, Reading.
Kindon, James, Duppas Hurst, Croydon, S.
Legge, The Lady Mary, The Holmwood Lodge, Dorking.
Leslie, Thomas Coates, Queen's Gate Gardens, South Kensington, W.
Lingwood, Robert, Lyston, Hereford.
Lozano, Manuel P., The Hall, Clapham Common, S.
Maddock, S. Horace C., 3, Spring Gardens, S.W.
Matthie, Colonel James, Gothic House, Upper Hamilton Terrace, St. John's Wood, N.W.
Mertens, Herman D., Street Lodge, Isle of Thanet, Kent.
Mildmay, Henry B., 8, Bishopsgate Street Within, E.C.
Parker, James, Great Baddow House, Chelmsford.
Preston, William, Rock House, Liverpool.
Ralli, E., 17, Hyde Park Square, W.
Raphael, Mrs. John N., 42, Prince's Square, Bayswater, W.
Ridge, Mrs. Benjamin, 42, High Street, Putney, S.W.
Robarts, Henry C., Mrs., 41, Lowndes Square, S.W.
Ruttledge, James, M.D., 19, George Street, Hanover Square, W.
Scott, Thomas, 9, Douro Place, Victoria Road, Kensington, W.
Simpson, Miss Marianne, 6, Warwick Gardens East, Kensington, W.
Sloane, John, 20, Thurloe Square, Brompton, S.W.
Smith, Sidney, Sidney Lodge, Wimbledon Common, S.
Smith, William, F.S.A., 20, Upper Southwick Street, Hyde Park, W.
Solomon, Mrs. Lewis, 10, Henrietta Street, Covent Garden, W.C.
Stainton, H. T., Mountsfield, Lewisham, S.E.
Stephens, Mrs. Lyne, Roehampton, S.W.
Stoveld, John, Stedham Hall, Midhurst, Sussex.
Strathmore, The Earl of, 33, Lowndes Square, S.W.
Wellington, The Duchess of, Apsley House, Piccadilly, W.
Westerman, G. Hudswell, Castle Grove, Sandal, Wakefield.

XCIX.—CHRYSANTHEMUM AND FRUIT SHOW, NOV. 6 AND 7, 1861.

THIS Show closed worthily the Society's Exhibitions for the year 1861. The exhibition of Chrysanthemums was very fine and noteworthy from several important advances made in the cultivation of this flower. The fruit exhibited was truly wonderful, and although the more extraordinary specimens came from sunnier climes than England, the English cultivators had no reason to hide their heads. The weather on the 6th was not good, but on the 7th it was exceedingly fine; and the charge for admission on that day having been, for the first time since the Garden was opened, reduced to 1*s.*, great numbers flocked to the Garden.

The following were the AWARDS OF THE JUDGES, and the names of the flowers or fruits for which the prizes were awarded:—

CHRYSANTHEMUMS.

CLASS I. 6 PLANTS. DISTINCT VARIETIES, ON SINGLE STEMS. (*Nurserymen.*)

1st Prize, 4*l.*—Mr. Charles Turner, Slough.
Golden Christine, Julie Lagravère, Hermione, Mount Etna, Vesta, Prince Albert.

2nd Prize, 2*l.*—Mr. A. Forsyth, Rectory Road, Stoke Newington.
Annie Salter, Mount Etna, Vesta, Defiance, Golden Christine, Voltaire.

CLASS 2. 6 PLANTS. DISTINCT VARIETIES, ON SINGLE STEMS. (*Amateurs.*)

1st Prize, 6*l.*—Mr. Ward, gardener to W. Fowlers, Esq., Tottenham Green, N.
General Havelock, Alma, Golden Christine, Beauté du Nord, Defiance, Pilot.

2nd Prize, 4*l.*—Mr. J. George, gardener to J. Nicholson, Esq., Stamford Hill.
Prince Albert, Trisigni, Christine, Vesta, Alma, Golden Christine.

3rd Prize, 2*l.*—Mr. Jas. Glover, gardener to R. C. Lepage, Esq., Tulse Hill, Brixton.
Vesta, Dr. McLean, Golden Christine, Christine, Chevalier Domage, Mount Etna.

CLASS 3. 3 PLANTS. DISTINCT VARIETIES, ON SINGLE STEMS. (*Amateurs.*)

1st Prize, 2*l.* 10*s.*—Mr. Ward, gardener to Wm. Fowlers, Esq., Tottenham Green, N.
Chevalier Domage, Christine, Beauté du Nord.

2nd Prize, 2*l.*—Mr. E. Harper, gardener to J. F. Bennett, Esq., Carisbrooke Villa, Tulse Hill, Brixton.
Chevalier Domage, Prince Albert, Christine.

3rd Prize, 1*l.*—Mr. J. George, gardener to J. Nicholson, Esq., Stamford Hill.
Annie Salter, Christine, Voltaire.

CLASS 4. 6 PLANTS. POMPONS. DISTINCT VARIETIES ON SINGLE STEMS. (*Nurserymen.*)
1st Prize, 4*l.*—Mr. Charles Turner, Slough.
Cedo Nulli, Madame Pippin, Duruflet, La Vogue, Bijou d'Horticulture, Mustapha.
2nd Prize, 2*l.*—Mr. A. Forsyth, Rectory Road, Stoke Newington.
Hélène, Sainte Thais, Cedo Nulli, La Sultane, Salamon, Golden Cedo Nulli.

CLASS 5. 6 PLANTS. POMPONS. DISTINCT VARIETIES ON SINGLE STEMS. (*Amateurs.*)
1st Prize, 6*l.*—Mr. D. Hutt, Hay-Way House, Margaret Place, Hackney Fields.
Andromeda, Golden Cedo Nulli, Salamon, Duruflet, General Canrobert, Cedo Nulli.
2nd Prize, 4*l.*—Mr. Jas. Weston, gardener to D. Martineau, Esq., Clapham Park.
Adonis, Hélène, Cedo Nulli, General Canrobert, Golden Cedo Nulli, Duruflet.
3rd Prize, 2*l.*—Mr. Ward, gardener to W. Fowlers, Esq., Tottenham Green, N.
Hélène, Cedo Nulli, Golden Cedo Nulli, Duruflet, Andromeda, Salamon.
4th Prize, 1*l.*—Mr. Chas. Bolton, 8, Edwin Terrace, London Fields, Hackney.
Duruflet, General Canrobert, Salamon, Andromeda, Hélène, Golden Cedo Nulli.
Special Prize, 10*s.*—Mr. Jas. Glover, gardener to R. C. Lepage, Esq., Tulse Hill, Brixton.
Surprise, Golden Cedo Nulli, La Sultane, Andromeda, Jewess.
Special Prize, 10*s.*—Mr. E. Harper, gardener to J. F. Bennett, Esq., Carisbrooke Villa, Tulse Hill, Brixton.
Cedo Nulli, Golden Cedo Nulli, Mrs. Dix, Dr. Bois Duval, Bob, La Sultane.

CLASS 6. 6 STANDARD CHRYSANTHEMUMS OR POMPONS. (*Open.*)
1st Prize, 4*l.*—Mr. A. Forsyth, The Nursery, Rectory Road, Stoke Newington.
Annie Salter, Alfred Salter, Defiance, Christine, Maréchal Duroc, Jewess.
2nd Prize, 2*l.*—Mr. Geo. Smith, Tollington Nursery, Hornsey Road.
Golden Cedo Nulli, Julie Lagravère, Mr. Astie, Aurora Borealis, President Decaisne, Cedo Nulli.
3rd Prize, 1*l.*—Mr. Thos. Parsons, gardener to R. Attenborough, Esq., Fair Lawn House, Acton Green.
Drin Drin, Surprise, Bob, Mrs. Dix, Ninon, Golden Cedo Nulli.

CLASS 7. 6 NEW VARIETIES OF THE CURRENT YEAR.
2nd Prize, 1*l.*—Mr. A. Forsyth, The Nursery, Rectory Road, Stoke Newington.
Emily, Golden Trilby, Boadicea, Golden Hermione, Rifleman, Lady Hardinge.

Class 8. Single Specimen, Single Stem, either Chrysanthemum or Pompon. (*Open.*)

1st Prize, 1*l.*—Mr. R. South, gardener to G. D. Tyser, Esq., Upton, Essex.
Christine.

2nd Prize, 15*s.*—Mr. Ward, gardener to W. Fowlers, Esq., Tottenham Green, N.
Riquiqui.

3rd Prize, 10*s.*—Mr. Charles Turner, Royal Nurseries, Slough.
Christine.

Class 9. 24 Cut Blooms. Distinct. (*Nurserymen.*)

1st Prize, 2*l.*—Mr. John Cattell, Westerham, Kent.
Arthur Wortley, Glory, Novelty, Madame Miellez, Mrs. Wm. Holborn, Favourite, Curtius Quintus, Jardin des Plantes, Queen of England, Aimée Ferrière, Pio Nono, Alfred Salter, Miss Kate, White Globe, Raymond, Fabius, Hermione, Maréchal Duroc, Madame Andry, Alarm, Goliah, Nonpareil, Yellow Perfection, Dupont de l'Eure.

2nd Prize, 1*l.*—Mr. Wilkinson, Old Ford, Bow, E.
Hermione, Alarm, Goliath, Nonpareil, Dupont de l'Eure, Alfred Salter, Plutus, Favourite, Arigena, Madame Miellez, Queen of England, Campestroni, Glory, Maréchal Duroc, Beauty, Novelty, Pictoreum roseum, Yellow Formosum, Madame Andry, Mrs. W. Holborn, General Hardinge, Themis, Golconda, White Globe.

3rd Prize, 15*s.*—Mr. A. Forsyth, Rectory Road, Stoke Newington.
Dupont de l'Eure, Madame Andry, Pearl, Stellaris globosa, Formosum, Pictoreum roseum, General Hardinge, Alarm, Themis, Hermione, Trilby, Lady Hardinge, Queen of England, Pio Nono, Goliath, Duke, Fabius, Christopher Columbus, Novelty, Beauty, Luteum formosum, Maréchal Duroc, White Globe, Jardin des Plantes.

4th Prize, 10*s.*—Mr. E. Merry, Stamford Hill.
Plutus, Vesta, General Hardinge, Cassandra, Thomas, Nonpareil, Duke, Arigena, Queen, Christopher Columbus, Trilby, Pearl, Dupont de l'Eure, Madame Andry, Novelty, Yellow Formosum, Nigger Boy, Goliath, Alfred Salter, Stellaris globosa, Formosum, Saccoi vera, Lady Hardinge, Maréchal Duroc.

Class 10. 24 Cut Blooms. Distinct. (*Amateurs.*)

1st Prize, 3*l.*—Mr. John Hope, gardener to Lady Buxton, Upton Park, West Ham, E.
Hermione, Maréchal Duroc, Goliath, Pandora, Vesta, Alfred Salter, Miss Kate, Dupont de l'Eure, Alarm, Cassy, Rifleman, Cassandra, Duke, Aristée, Christopher Columbus, Queen of England, Pio Nono, Lady Hardinge, Arigena, Novelty, Yellow Perfection, Formosum, Curtius Quintus, Beauregard.

2nd Prize, 2*l.*—Mr. R. James, Rochester Castle, Stoke Newington.
Little Harry, Lord Elgin, Jardin des Plantes, General Hardinge, Pearl, Lysias, Alfred Salter, Cassandra, Raymond, Christopher Columbus, Maréchal Duroc, Pandora, Yellow Formosum, Nonpareil, Beauty, Hermione, Novelty, Stellaris

globosa, Curtius Quintus, Lady Hardinge, Queen of England, Pio Nono, Dupont de l'Eure, Formosum.

3rd Prize, 1*l.*—Mr. Thos. Couldrey, gardener to G. Miller, Esq., the Grange, Hillingdon, near Uxbridge.

Trilby, Fabius, Dupont de l'Eure, Queen of England, Arigena, Hermione, Picturatum roseum, Jardin des Plantes, Nonpareil, Saccoi vera, Duke, Sarnia, Glory, Yellow Perfection, Raymond, Alfred Salter, Madame Andry, Cassandra, Themis, Maréchal Duroc, Anaxo, Novelty, Etoile Polaire, Vesta, Beauty.

4th Prize, 15*s.*—Mr. J. George, gardener to J. Nicholson, Esq., Stamford Hill.

Gem, Maréchal Duroc, Novelty, Strafford, Duke, Princess Marie, White Formosum, Madame Miellez, White Globe, Lucidum, Yellow Formosum, Cyclops, Aimée Ferrière, Stellaris globosa, Queen of England, Madame Andry, Vesta, Curtius Quintus, Yellow Perfection, Hermione, Goliath, Alfred Salter, Cassy, Trilby.

CLASS 11. 12 CUT BLOOMS. DISTINCT. (*Amateurs.*)

1st Prize, 1*l.* 10*s.*—Mr. Slade, 4, Rose Cottages, Hulford Road, Kingsland.

Dupont de l'Eure, Plutus, Nonpareil, Themis, Formosum, Novelty, Yellow Perfection, Beauty, Maréchal Duroc, General Hardinge, Madame Miellez, Auguste Mie.

2nd Prize, 1*l.*—Mr. R. James, Rochester Castle, Stoke Newington.

Formosum, Hermione, General Hardinge, Jardin des Plantes, Novelty, Stellaris globosa, Pio Nono, Dupont de l'Eure, Aimée Ferrière, Lady Hardinge, Raymond, Maréchal Duroc.

3rd Prize, 10*s.*—Mr. Ward, gardener to W. Fowlers, Esq., Tottenham Green, N.

Alarm, Plutus, Queen of England, Themis, Goliath, Pio Nono, Jester, Dupont de l'Eure, Novelty, Christopher Columbus, White Globe, Raymond.

4th Prize, 7*s.*—Mr. J. George, gardener to J. Nicholson, Esq., Stamford Hill.

Dupont de l'Eure, Hermione, Duke, Arigena, White Globe, Yellow Formosum, Madame Miellez, Lucidum, Maréchal Duroc, Fabius, Mrs. W. Holborn, Novelty.

CLASS 12. 6 CUT BLOOMS. DISTINCT. (*Amateurs.*)

1st Prize, 15*s.*—Mr. R. James, Rochester Castle, Stoke Newington.

Beauty, Lady Hardinge, Dupont de l'Eure, Pio Nono, Queen of England, Jardin des Plantes.

2nd Prize, 10*s.*—Mr. Thomas Couldrey, gardener to G. Miller, Esq., the Grange, Hillingdon, near Uxbridge.

Hermione, Cassandra, Jardin des Plantes, Queen of England, Raymond, Maréchal Duroc.

3rd Prize, 7*s.*—Mr. John Hope, gardener to Lady Buxton, Upton Park, West Ham, E.

Maréchal Duroc, Arigena, Alfred Salter, Queen of England, Yellow Perfection, Vesta.

4th Prize, 5*s.*—Mr. Ward, gardener to W. Fowlers, Esq., Tottenham Green, N.

Novelty, Dupont de l'Eure, Raymond, Plutus, Queen of England, Themis.

CLASS 13. 6 CUT BLOOMS, ANEMONE-FLOWERED. DISTINCT VARIETIES. (*Open.*)

1st Prize, 15*s.*—Mr. John Hope, gardener to Lady Buxton, Upton Park, West Ham, E.

Georges Sand, Rose Marguérite, Gluck, Louis Bonamy, Fleur de Marie, Marguérite d'Anjou.

2nd Prize, 10*s.*—Mr. John Butt, 6, Milton Terrace, Milton Road, Stoke Newington.

Rose Marguérite, Gluck, Madame Godereau, Louis Bonamy, Georges Sand, Perle.

3rd Prize, 7*s.*—Mr. R. James, Rochester Castle, Stoke Newington.

Louis Bonamy, Marguérite de Norway, Gluck, Madame Godereau, Georges Sand, Nancy de Sarmet.

CLASS 14. BEST GROUP OF CUT BLOOMS. (*Open.*)

1st. Prize, 2*l.*—Mr. Charles Turner, Royal Nurseries, Slough.

MISCELLANEOUS.

1st Prize, 1*l.* 10*s.*—Mr. J. H. Bird, Nurseryman, Stoke Newington.

Collection of Chrysanthemums.

Madame Poggi, Dr. Duval, Novelty, Triomphe du Nord, Progne, Gluck, Wonderful, Queen of England, Alma, Vesta, Themis, Stellaris globosa, Madame Lebois, Fabius, Dr. Decamps, Poudre d'or, Princess Marie, Maréchal Duroc, Cassandra, Raymond, Orange Brilliant, Yellow Perfection, Jardin des Plantes, Arigena, Hermione, Madame Leo, Rupert, Rosa mystica, Aimée Ferrière, Raymond, Duke, Beauty, Christopher Columbus, Pilot.

2nd Prize, 1*l.*—Mr. John Salter, Versailles Nursery, Hammersmith.

Collection of Chrysanthemums.

Endymion, Eole, Alix, Dupont de l'Eure, Sulphureum superbum, Mr. Marks, Duc de Trevis, Jardin des Plantes, Progne, Leopold, Emperor, Pompeii, Aimée Ferrière, Juno, Rifleman, Alma, Pio Nono, La Belle, Christopher Columbus, Golden Christine, Princesse Marie, Cassandra, Prince Consort, Annie Salter, Triomphe du Nord, Edgar, Auguste Mie, Antigone, Gluck, Christine, Bride, Belle Ville, Poudre d'or, Eole, Louis Bonaparte, Duke, Hermione, Cassy, M. Deschamps, Jewess, Lucidum, Princess Marie, Phidias, Formosum, Leon Leguay, Jessica, Golden Hermione, Nell Gwynne, Mr. Murray, Madame Lebois, Maréchal Duroc, Prince Albert, Dr. Roys, Madame Godereau, Madonna, Golden Orb, White Trilby, Rifleman, Christine, Zephyr, Her Majesty, Lucidum, Lycias, Queen of England, Phidias, Miss Kate, Vesta, Emperor, Luteum, Anaxo, Bouquet des Fleurs, Fleur de Marie, Julie Lagravère, Lady Hardinge.

Equal 2nd Prize, 1*l.*—Miss Maling, Whitehead's Grove, Chelsea, S.W.

Patent Indoor plant-case filled with plants.

3rd Prize, 10*s.*—Messrs. James Ivery & Son, Nurserymen, Dorking and Reigate.

Collection of Plants.

Scolopendrium vulgare crispum, Lastrea filix-mas cristata, Polystichum aculeatum, Polypodium vulgare hybernicum, Polystichum angulare proliferum, Polystichum angulare, Lastrea recurva, Scolopendrium vulgare milliforme, Woodwardia orientale, Polystichum lonchitis, Lomaria spicans

ramosus, Lastrea goldicane, Lastrea filix-mas Jervisii, Athyrium filix-fœmina Frizelliæ, Athyrium filix-fœmina laciniatum, Lastrea lepidata, Asplenium fontanum, Asplenium septentrionale, Lastrea filix-mas Jervisii.

Commendation—Mrs. J. Stodart, 31, Cloudesley Terrace, Islington, W. 12 Artificial Dahlias.

Fruit.

Class A. Collection of Fruit. (Fruiterers only.)

1st Prize, 4*l*.—Mr. Lewis Solomon, Grape Vine, Centre Row, Covent Garden Market.

4 Prickly Cayenne Pine Apples; Grapes, 1 Basket—namely, Frankenthal, 1 basket; Fontainebleau, 1 basket; Hambro', 1 basket; Teneriffe, 1 basket; Chasselas, 1 basket; Peaches, 1 dish; Melons, 4; Oranges, 1 basket. Pears, namely, Bon Chrétien d'Auch, 2 baskets; Cathillard, 1 basket; 12 Belle Angevine, 1 basket weighing upwards of 39¾ lbs.; Crassane, 2 baskets; St. Germains, 2 baskets; Beurré Diel, 2 baskets; Easter Beurré, 2 baskets; Beurré magnifique, 2 baskets; Bon Curé, 2 baskets; Glou Morceau, 2 baskets; Cuisse Madame, 1 basket; Calville Apples, 2 baskets; Canada, 2 baskets; 1 do. Pomme d' Api; Pomegranate, 1 basket.

2nd Prize, 3*l*.—Messrs. Webber and Co., Covent Garden Market.

1 Providence Pine, 2 Black Jamaica, 3 Queen's, 1 dish Muscat Grapes, 1 do. Black Hamburgh, 1 do. Naples Oranges, 1 do. Malaga Lemons, 1 dish Uvedale St. Germain Pears, weighing 12 lbs. 7 oz.; 1 do. Catillac, 1 do. Bon Chrétien d'Auch, 1 do. Bon Chrétien d'Hiver, 1 do. Marie Louise, 1 do. Glou Morceau, 1 do. Tonneau, 1 do. Vicar of Winkfield, 1 do. Chaumontel, 1 do. Beurré Diel, 1 do. Duchesse d'Angoulême, 1 do. St. Germain, 1 do. Easter Beurré, 1 do. Reinette du Canada Apples, 1 do. Calville blanc, 2 do. Ribston Pippin, 1 do. Cox's Orange Pippin, 1 do. Woodstock Pippin, 1 do. Pomme d'Api, 1 do. Pomme Rose, 1 do. King of the Pippins, 1 do. Pomegranates.

Class B. Collection of Fruit. (*Private Growers.*)

Equal 1st Prizes of 6*l*. each were awarded to Mr. George Tillyard, gardener to John Kelk, Esq., The Priory, Stanmore; and Mr. A. Henderson, gardener to His Grace the Duke of Sutherland, Trentham Hall Gardens, Staffordshire.

Mr. A. Henderson's collection consisted of

1 Montserrat Pine, 1 dish Black Hamburgh Grapes, 1 ditto Muscat of Alexandria, 1 ditto Lady Downes, 1 ditto Frankenthal, 1 ditto White Tokay, 1 Cashmere Melon, 1 Gem (Scarlet flesh), 1 dish Citrus Decumana, 1 dish Coe's Late Plum, 1 ditto Easter Beurré Pears, 1 ditto Knight's Monarch, 1 ditto Beurré Diel, 1 ditto Beurré Clairgeau, 1 ditto Beurré Rance, 1 ditto Winter Nelis, 1 ditto Gratioli of Jersey, 1 ditto Bergamotte d'Esperen, 1 ditto King of the Pippins Apple, 1 ditto Blenheim Orange, 1 ditto Calville Blanche, 1 ditto White Ischia Figs, 1 ditto Eugenia Ugni.

Mr. George Tillyard's collection consisted of

4 Lemon Pines, 2 Old Queen ditto, 1 dish Muscat of Alexandria Grapes, 1 ditto Trebbiana, 1 ditto Oldaker's St. Peter's, 1 Heckfield Scarlet Flesh Melon, 1 Hybrid Cashmere ditto, 1 dish Impératrice Plum, 1 ditto Blue Impératrice, 1 ditto Coe's Late Red, 1 basket Morello Cherries, 1 dish of Glou Morceau Pears, 2 ditto Beurré de Capiaumont, 1 ditto Napoleon, 1 ditto Beurré d'Aremberg, 1 ditto Chaumontel, 1 ditto Passe Colmar, 1 ditto Alfriston Pippin Apple, 1 ditto Lamb Abbey Pearmain, 1 ditto Blenheim Pippin, 1 ditto Margil, 1 ditto Downton Pippins, 1 ditto Fearns's Pippin, 1 ditto marked Alexander (?), 1 ditto Angélique Figs, 1 ditto Antwerp Yellow Raspberries, 1 do. Rivers's double Bearing, 1 ditto White Dutch Currants, 1 ditto Eugenia Ugni.

3rd Prize, 3*l.*—Mr. Wm. Kaile, gardener to the Earl of Lovelace, East Horsley Towers, Ripley, Surrey.

1 Queen Pine Apple, 1 dish of Black Hamburgh Grapes, 1 Trentham Hybrid Melon, 1 dish Coe's Golden Drop Plum, 1 ditto Coe's Late Red, 1 ditto Marie Louise Pears, 1 ditto Glou Morceau, 1 ditto Beurré Nantais, 1 ditto Fearns's Pippin Apple, 1 ditto King of the Pippins, 1 ditto Court Pendu Plat, 1 ditto double-bearing Raspberries, 1 ditto Medlars.

CLASS C. PINE APPLES. COLLECTION OF 3 DISTINCT KINDS.

1st Prize, 4*l.*—Mr. Thomas Page, gardener to W. Leaf, Esq., Park Hill, Streatham.

Queen, Ripley Queen, and Smooth Cayenne.

2nd Prize, 3*l.*—Mr. H. Muggleton, gardener to W. Cubitt, Esq., Penton Lodge, Andover, Hants.

Smooth Cayenne, Prickly Cayenne, and Queen.

3rd Prize, 2*l.*—Mr. A. Botger, gardener to J. Gott, Esq., Armley House, near Leeds.

Montserrat, Enville, and Queen.

CLASS D. PINE APPLE. SINGLE FRUIT, ANY VARIETY.

1st Prize, 2*l.* 10*s.*—Mr. John Floud, gardener to R. Fothergill, Esq., Abernant House, Aberdare, Glamorgan.

1 Smooth Cayenne, weight 7lb. 14oz.

2nd Prize, 2*l.*—Mr. Thomas Ingram, Royal Gardens, Windsor.

1 Smooth Cayenne.

3rd Prize, 1*l.*—Mr. George Tillyard, gardener to J. Kelk, Esq., The Priory, Stanmore.

1 Queen.

CLASS E. GRAPES, WHITE MUSCAT. BASKET OF NOT LESS THAN 10LBS. WEIGHT.

1st Prize, 4*l.*—Mr. George Tillyard, gardener to J. Kelk, Esq., The Priory, Stanmore.

2nd Prize, 3*l.*—Mr. William Hill, gardener to R. Sneyd, Esq., Keele Hall, Staffordshire.

3rd Prize, 2*l.*—Mr. Jos. Meredith, Vine Cottage, Garston, near Liverpool.

CLASS F. GRAPES, WHITE MUSCAT. SINGLE DISH.

1st Prize, 2*l.* 10*s.*—Mr. Geo. Tillyard, gardener to John Kelk, Esq., The Priory, Stanmore.

2nd Prize, 2*l.*—Mr. Wm. Hill, gardener to R. Sneyd, Esq., Keele Hall, Staffordshire.

3rd Prize, 1*l.*—Mr. Wm. Meads, gardener to Raikes Currie, Esq., Minley Blackwater, Hants.

CLASS G. GRAPES, WHITE, ANY OTHER VARIETY. SINGLE DISH.

1st Prize, 2*l.* 10*s.*—Mr. Wm. Hill, gardener to R. Sneyd, Esq., Keele Hall, Staffordshire.

Trebbiana.

2nd Prize, 2*l.*—Mr. Jos. Meredith, Vine Cottage, Garston, near Liverpool.

White Tokay.

3rd Prize, 1*l.*—Mr. Wm. Tillery, Welbeck, Worksop, Notts.

White Tokay.

CLASS H. GRAPES, BLACK HAMBRO'. BASKET OF NOT LESS THAN 10LBS. WEIGHT.

1st Prize, 4*l.*—Mr. P. Kay, Market Gardener, Finchley.

2nd Prize, 3*l.*—Mr. Wm. Hill, gardener to R. Sneyd, Esq., Keele Hall, Staffordshire.

3rd Prize, 2*l.*—Mr. A. Henderson, Trentham Hall Gardens, Staffordshire.

CLASS I. GRAPES, BLACK HAMBRO'. SINGLE DISH.

1st Prize, 2*l.* 10*s.*—Mr. A Henderson, Trentham Hall Gardens, Staffordshire.

2nd Prize, 2*l.*—Mr. P. Kay, Market Gardener, Finchley.

3rd Prize, 1*l.*—Mr. W. Hill, gardener to R. Sneyd, Esq., Keele Hall, Staffordshire.

CLASS J. GRAPES, FRANKENTHAL OR DUTCH HAMBRO'. SINGLE DISH.

1st Prize, 2*l.* 10*s.*—Mr. A. Henderson, Trentham Hall Gardens, Staffordshire.

2nd Prize, 2*l.*—Mr. Jos. Meredith, Vine Cottage, Garston, near Liverpool.

CLASS K. GRAPES, BLACK, ANY OTHER VARIETY. SINGLE DISH.

1st Prize, 2*l.* 10*s.*—Mr. Thos. Page, gardener to Wm. Leaf, Esq., Park Hill, Streatham.

Barbarossa.

2nd Prize, 2*l.*—Mr. Wm. Hill, gardener to R. Sneyd, Esq., Keele Hall, Staffordshire.

Lady Down's Seedling.

CLASS L. PEARS, DESSERT. COLLECTION OF 1 DISH OF EACH.

1st Prize, 4*l.*—Mr. A. Anderson, gardener, Oxenford Castle, Dalkeith.

Winter Nelis, Doyenné Gris, Colmar, Glou Morceau, Poire Neill, Beurré de Capiaumont, Napoleon, Verulam, Marie Louise, Beurré d'Aremberg, Duchesse d'Angoulême, Beurré Clairgeau, Easter Beurré, Louise Bonne, Colmar d'Aremberg, King Edward, Beurré Diel, Flemish Beauty, Crassane, Maréchal de la Cour, Suzette de Bavay.

2nd Prize, 3*l.*—Mr. Thos. Ingram, Royal Gardens, Windsor.

Prince Albert, Fladberg, Moccas, Easter Beurré, Marie Louise, Epine Dumas, Knight's Monarch, Beurré Diel, Beurré Rance, Glou Morceau, Van Mons Leon le Clerc, Vicar of Winkfield, Chaumontel, Passe Colmar.

3rd Prize, 2*l.*—Mr. J. C. Dwerrihouse, gardener to The Right Hon. Viscount Eversley, Hickfield, Winchfield.

Délices d'Hardenpont, Swan's-Egg, Bezy de Chaumontel, Great St. Francis, Easter Beurré, Beurré Rance, Knight's Monarch, Marie Louise, Winter Nelis, Duchesse d'Angoulême, Vicar of Winkfield, Beurré Diel, Josephine de Malines, Napoleon.

CLASS M. PEARS, DESSERT. COLLECTION OF 6 DISHES, DISTINCT KINDS.

1st Prize, 3*l.*—Mr. Thos. Ingram, Royal Gardens, Windsor.

Beurré Diel, Vicar of Winkfield, Beurré Rance, Glou Morceau, Van Mons Leon le Clerc, Knight's Monarch.

2nd Prize, 2*l.*, Mr. C. F. Harrison, Oatlands Palace Gardens, Weybridge, Surrey.

Glou Morceau, Marie Louise, Passe Colmar, Winter Nelis, Ne Plus Meuris, Duchesse d'Angoulême.

3rd Prize, 1*l.*—Mr. E. Spivey, gardener to J. A. Houblon, Esq., Hallingbury Park, near Bishop's Stortford.

Marie Louise, Thompson's, Glou Morceau, Josephine de Malines, Passe Colmar, Beurré Diel.

CLASS N. PEARS, DESSERT. COLLECTION OF 3 DISHES, DISTINCT KINDS.

1st Prize, 1*l.* 10*s.*—Mr. C. F. Harrison, Oatlands Palace Gardens, Weybridge, Surrey.

Glou Morceau, Marie Louise, Duchesse d'Angoulême.

2nd Prize, 1*l.*—Mr. Geo. Tranter, gardener to the Hon. G. D. Ryder, Westbrook, Hemel Hempstead.

Beurré Diel, Brown Beurré, Marie Louise.

3rd Prize, 10*s.*—Mr. J. Widdowson, gardener to C. A. Barnes, Esq., Chorley Wood, near Rickmansworth, Herts.

Duchesse d'Angoulême, Passe Colmar, Glou Morceau.

CLASS O. PEARS, DESSERT. SINGLE DISH, ANY VARIETY.

1st Prize, 1*l.*—Mr. Thos. Ingram, Royal Gardens, Windsor.

Glou Morceau.

2nd Prize, 15*s.*—Mr. Geo. Tranter, gardener to the Hon. G. D. Ryder, Westbrook, Hemel Hempstead.

Marie Louise.

3rd Prize, 10*s.*—Mr. S. Ralphs, gardener to Russell Sturgis, Esq., Mount Felix, Walton-on-Thames, Surrey.

Beurré Diel.

Extra Prize, 7*s.* 6*d.*—Mr. F. Westbrook, Abingdon, Berkshire.

Beurré d'Aremberg.

CLASS P. PEARS KITCHEN. UVEDALE'S ST. GERMAIN; SINGLE DISH.

1st Prize, 1*l.*—Mr. S. Snow, gardener to the Countess Cowper, Wrest Park, Silsoe, Beds.

2nd Prize, 15*s.*—Mr. F. W. Park, gardener to G. H. Vernon, Esq., Grove Hall, Retford, Notts.

3rd Prize, 10*s.*—Mr. R. W. Craik, gardener to F. F. Rufford, Esq., Prescot House, Stourbridge.

CLASS Q. PEARS, KITCHEN. CATILLAC; SINGLE DISH.

1st Prize, 1*l.*—Mr. C. F. Harrison, Oatlands Palace gardens, Weybridge, Surrey.

2nd Prize, 15*s.*—Mr. D. Cunningham, gardener to the Bishop of London, Palace Gardens, Fulham.

3rd Prize, 10*s.*—Mr. John Barnett, Decker Hill, Shifnall, Salop.

Class R. Pears, Kitchen. Single Dish, any Variety.

1st Prize, 1*l.*—Mr. S. Snow, gardener to the Countess Cowper, Wrest Park, Silsoe, Beds.

Warden.

2nd Prize, 15*s.*—Mr. John Barnett, Decker Hill, Shifnall, Salop.

Beurré Diel.

Class S. Pears, Heaviest 5 Fruits, Dessert.

1st Prize, 1*l.*—Mr. Geo. Tranter, gardener to the Hon. G. D. Ryder, Westbrook, Hemel Hempstead.

Beurré Diel, weighing 4 lbs. 3 ozs.

2nd Prize, 15*s.*—Mr. E. Spivey, gardener to J. A. Houblon, Esq., Hallingbury Park, near Bishop's Stortford.

Beurré Diel, weighing 3 lbs. 15½ ozs.

3rd Prize, 10*s.*—Mr. J. C. Dwerrihouse, gardener to the Right Hon. Viscount Eversley, Hickfield, Winchfield.

Beurré Rance, weighing 3 lbs. 13 ozs.

Class T. Pears, Stewed, Jar of.

1st Prize, 2*l.*—Miss Ingram, Royal Gardens, Frogmore.

Split fruit of Swan's Egg and Vicar of Winkfield.

2nd Prize, 1*l.* 10*s.*—Mrs. J. Powell, Cedar Cottage, Old Windsor,

Chaumontel and Beurré Rance.

3rd Prize, 1*l.*—Mrs. Smith, Upper Sydenham, Kent.

Chaumontel.

Class U. Apples, Dessert. Collection of 1 Dish of Each.

1st Prize, 4*l.*—Mr. John Newton, gardener to G. F. Graham, Esq, East Lodge, Enfield Chase.

Old Nonpareil, Golden Russet Nonpareil, Flat Nonpareil, De Neige, Braddick's Nonpareil, Scarlet Nonpareil, Herefordshire Pearmain, Screwton Golden Pippin, Gran Nonpareil, Franklin's Golden Pippin, Adams's Pearmain, Pearson's Plate, Beechamwell, Hicks's Fancy, Court of Wick, Old Golden Pippin, Ribston Pippin, Cornish Gilliflower, Fearns's Pippin, Margil, Cockle Pippin, Golden Reinette, Downton Nonpareil, King of the Pippins, Cluster Pippin, Golden Nonpareil, Sam Young.

2nd Prize, 3*l.*—Mr. John Cox, gardener to William Wells, Esq., Redleaf, Penshurst, Kent.

Braddick's Nonpareil, Summer Nonpareil, Irish Russet or Sam Young, Russet Nonpareil, Kirke's Golden Reinette, Forge, Court Pendu Plat, Brabant Bellefleur, General Wolfe, Fair Maid of Taunton, Hollow-eyed Pippin, Golden Reinette, Ribston Pippin, Gough, Scarlet Pearmain, Fearns's Pippin, Belle de Gris, Pomme Royale, Winter Queening, Winter Golden Pearmain, Colonel Vaughan, Golden Knob, Franklin's Golden Pippin, Hughes Golden Pippin, Lemon Pippin, Hambledon's Deux Ans, Early South Park, Downton Pippin, Farleigh Pippin, Crackling Pearmain, Sweet Laden, Court of Wick, Blenheim Pippin, Castle Major, Dutch Mignonne, Baddow Pippin, Christie's Pippin.

3rd Prize, 2*l.*—Mr. J. Mortimore, gardener to the late Miss Brown, Wallington Bridge, Carshalton.

Nonpareil, Green Nonpareil, Claygate Pearmain, Bridgewater Pippin, King of the Pippins, Nonsuch, Imperial White Sœur,

Cockle Pippin, Yellow Ingestre, Prince's Pippin, Franklin's Golden Pippin, Bull's Golden Reinette, Blenheim Pippin, Phillips's Cellini Pippin, Wormsley Pippin, Braddick's Nonpareil, Newtown Pippin, Golden Knob, Ribston Pippin.

CLASS V. APPLES, DESSERT. COLLECTION OF 6 DISHES, DISTINCT KINDS.

1st Prize, 3*l.*—Mr. Thomas Ingram, Royal Gardens, Windsor.

Old Nonpareil, Fearns's Pippin, Rosemary Russet, Small's Golden Pippin, Cox's Orange Pippin, Court Pendu Plat.

2nd Prize, 2*l.*—Mr. S. Snow, gardener to the Countess Cowper, Wrest Park, Silsoe, Beds.

Bull's Golden Reinette, Ribston Pippin, Silver Pippin, Aromatic Pippin, Fearns's Pippin, Court Pendu Plat.

3rd Prize, 1*l.*—Mr. John Newton, gardener to G. F. Graham, Esq., East Lodge, Enfield Chase.

King of the Pippins, Adams's Pearmain, Fearns's Pippin, Cornish Gilliflower, Ribston Pippin, Cockle Pippin.

CLASS W. APPLES, DESSERT. COLLECTION OF 3 DISHES, DISTINCT KINDS.

1st Prize, 1*l.* 10*s.*—Mr. S. Ford, gardener to W. E. Hubbard, Esq., St. Leonard's Lodge, near Horsham, Sussex.

King of Pippins, Ribston Pippin, Blenheim Pippin.

2nd Prize, 1*l.*—Mr. F. Rutland, Garnstone Castle, Hereford.

Fearns's Pippin, Ribston Pippin, King of Pippins.

3rd Prize, 10*s.*—Mr. W. Hall, gardener to Capt. Tyrrell, Fordhook, Ealing Common.

King of Pippins, Ribston Pippin, Court Pendu Plat.

CLASS X. APPLES, DESSERT. SINGLE DISH, ANY VARIETY.

1st Prize, 1*l.*—Mr. Thomas Ingram, Royal Gardens, Windsor.

Cox's Orange Pippin.

2nd Prize, 15*s.*—Mr. Simpson, gardener to Lady Molyneux, Stoke Farm, Slough.

Cox's Orange Pippin.

3rd Prize, 10*s.*—Mr. Charles Turner, Royal Nurseries, Slough.

Cox's Orange Pippin.

CLASS Y. APPLES, KITCHEN. COLLECTION OF 1 DISH OF EACH.

1st Prize, 4*l.*—Mr. J. Mortimore, gardener to the late Miss Brown, Wallington Bridge, Carshalton.

Northern Greening, Newton Pippin, Hoary Morning, Dummelow's Seedling, Norfolk Beaufin, Kirke's Scarlet Admirable, Gloria Mundi, Wormsley Pippin, Gooseberry Pippin, Beauty of Kent, Blenheim Orange, Ribston Pippin, Hawthornden, Bridgewater Pippin, Yorkshire Greening, Beauty of Wilts, Golden Noble, Manks Codlin, Cellini.

2nd Prize, 3*l.*—Mr. J. Newton, gardener to G. F. Graham, Esq., East Lodge, Enfield Chase.

Gravenstein, Beauty of Kent, Round Winter Nonsuch, Golden Russet, Northern Greening, Old English Codlin, Kentish Fillbasket, Yorkshire Greening, Holland Pippin, New Hawthornden, White Hawthornden, Hollow-crowned Pippin, Dummelow's Seedling, Hollandbury, Hall Door, Wormsley Pippin, Easter Pippin, Blenheim Pippin, Dutch Mignonne, Norfolk Beaufin, Brabant Bellefleur, Reinette No. 5, London Pippin.

3rd Prize, 2*l.*—Mr. J. Cox, gardener to W. Wells, Esq., Redleaf, Penshurst, Kent.
Colonel Vaughan, Golden Noble, Golden Winter Pearmain, Bromley, Aromatic Russet, Norfolk Beaufin,Baddow Pippin, Winter Queening, Brabant Bellefleur, Yorkshire Greening, Farmer's Glory, Gooseberry Greening, Castle Major, Sweet Laden, Gough, Hollandbury, Royal Russet, Northern Greening, Reinette du Canada, Hamzell's, Dutch Codlin, Dutch Mginonne, Court Pendu Plat, Cellini, Oak Hill Seedling, Pompey's Sweet Hilder, Claude, Blenheim Orange, Dummelow's Seedling, Sheepsnout, Sussex Pippin, Elliema, Fair Maid of Taunton.

CLASS Z. APPLES, KITCHEN. COLLECTION OF 6 DISHES, DISTINCT KINDS.
1st Prize, 3*l.*—Mr. R. H. Betteridge, Milton Hill, near Steventon, Berks.
Minshal Crab, Cat's Head, Blenheim Pippin, Alfriston, Royal Russet, Kentish Codlin.
2nd Prize, 2*l.*—Mr. S. Snow, gardener to the Countess Cowper, Wrest Park, Silsoe, Beds.
Alfriston, Cellini, Dummelow's Seedling, Blenheim Pippin, Cumberland, Golden Noble.
3rd Prize, 1*l.*—Mr. John Cox, gardener to W. Wells, Esq., Redleaf, Penshurst, Kent.
Waltham Abbey Seedling, Yorkshire Greening, Dummelow's Seedling, Farmer's Glory, Blenheim Pippin, Bromley.

CLASS A A. APPLES, KITCHEN. COLLECTION OF 3 DISHES, DISTINCT KINDS.
1st Prize, 1*l.* 10*s.*—Mr. Geo. Smith, gardener to H. Littledale, Esq., Liscard Hall, Cheshire.
Mère de Ménage, Alfriston, Beauty of Kent.
2nd Prize, 1*l.*—Mr. Wm. Holder, gardener to the Rev. W. B. Marriott, Eton College, Bucks.
Cellini, Blenheim Orange, Wellington.
3rd Prize, 10*s.*—Mr. F. Rutland, Garnstone Castle, Hereford.
Alexander, Ingestre, Blenheim Orange.

CLASS B B. APPLES, KITCHEN. SINGLE DISH.
1st Prize, 1*l.*—Mr. Wm. Lee, gardener to F.M. Viscount Combermere, Whitchurch, Salop.
Mère de Ménage.
2nd Prize, 15*s.*—Mr. Wm. Young, gardener to R. Barclay, Esq., West Hill House, Highgate.
Robson's Pippin.
3rd Prize, 10*s.*—Mr. P. Nichols, 13, New Road, Hammersmith.
Blenheim Orange.
Extra Prize, 10*s.*—Mr. Wm. Green, gardener to Mrs. Honywood, Marks Hall, Kelvedon, Essex.
American Pippin.

CLASS C C. APPLES, KITCHEN. HEAVIEST 5 FRUITS.
1st Prize, 1*l.*—Mr. Wm. Green, gardener to Mrs. Honywood, Marks Hall, Kelvedon, Essex.
Gloria Mundi, weighing 5lbs. 5oz.
2nd Prize, 15*s.*—Mr. Wm. Lee, gardener to F.M. Viscount Combermere, Whitchurch, Salop.
Mère de Ménage, weighing 5lbs. $4\frac{3}{4}$ oz.

3rd Prize, 10*s.*—Mr. Wm. Young, gardener to R. Barclay, Esq., West Hill House, Highgate.
Robson's Pippin, weighing 4 lbs. 6¼ oz.

CLASS D D. POMMES TAPÉS.
1st Prize, 3*l.*—Mr. Wm. Young, gardener to R. Barclay, Esq., West Hill House, Highgate.
Blenheim Pippin.

CLASS E E. ORANGES, LEMONS, &c. COLLECTION OF 1 DISH OF EACH.
3rd Prize, 1*l.*—Mr. Wm. Lakeman, gardener to James Campbell, Esq., Hendon, N.W.
Citrus Medica, Citrus Limetta, Citrus Limonum.

CLASS F F. ORANGES. 4 PLANTS, IN POTS OR BOXES, BEARING FRUIT.
No competition.

CLASS G G. ORANGES. BEST SPECIMEN OF TANGERINE, IN POT.
No competition.

CLASS H H. MELONS. SINGLE FRUIT, ANY VARIETY.
1st Prize, 1*l.*—Mr. J. C. Dwerrihouse, gardener to the Right Hon. Viscount Eversley, Hickfield, Winchfield.
Hickfield Hybrid.
2nd Prize, 15*s.*—Mr. John Pryer, gardener to G. Perkins, Esq., Chipstead Place, Sevenoaks, Kent.
Egyptian, green flesh.
3rd Prize, 10*s.*—Mr. J. Barnett, Decker Hill, Shifnall.
Moccas, green flesh.

CLASS I I. PLUMS. SINGLE DISH, ANY VARIETY.
1st Prize, 2*l.*—Mr. S. Snow, gardener to the Countess Cowper, Wrest Park, Silsoe, Beds.
Impératrice.
2nd Prize, 1*l.* 10*s.*—Mr. John Cox, Gardener to Wm. Wells, Esq., Penshurst, Kent.
Blue Impératrice.
3rd Prize, 1*l.*—Mr. J. Mortimore, gardener to the late Miss Brown, Wallington Bridge, Carshalton.
Impératrice.

CLASS J J. STRAWBERRIES. SINGLE DISH.
1st Prize, 1*l.*—Mr. J. Widdowson, gardener to C. A. Barnes, Esq., Chorley Wood, near Rickmansworth, Herts.
Sir Harry.

CLASS K K. CURRANTS. SINGLE DISH.
No competition.

CLASS L L. RASPBERRIES. SINGLE DISH.
1st Prize, 10*s.*—Mr. F. W. Park, gardener to G. H. Vernon, Esq., Grove Hall, Retford, Notts.
2nd Prize, 7*s.*—Mr. W. Kaile, gardener to the Earl of Lovelace, East Horsley Towers, Ripley, Surrey.

CLASS M M. MISCELLANEOUS.
1st Prize, 3*l.*—Mr. W. Hill, gardener to R. Sneyd, Esq., Keele Hall, Staffordshire.
Collection of Grapes, consisting of Lady Downe's Seedling, Sahibee, Muscat Noir d'Aryez, Black Hamburgh, Mar-

chioness of Hastings, West's St. Peter's, Muscat of Alexandria, Black Prince, Trentham Black, Barbarossa, Old Tokay, Muscat Hamburgh, Bidwell's Seedling.

5th Prize, 1*l.*—Mr. Thos. Ingram, Royal Gardens, Windsor.
A basket of Salway Peaches.

The Sub-committee of the Floral Committee which examined the seedlings of Chrysanthemums exhibited on occasion of this show, reported as follows:—

Chrysanthemum Lady H. St. Clair:—from Messrs. Downie Laird & Laing, Forest Hill and Edinburgh. A very finely developed large-flowered sort, one of the blooms exhibited being four inches in diameter, and upwards of three inches in depth, formed of broad florets, full to the centre, and incurved to form a high globular mass; the colour a white, of rather creamy tint. It was awarded a First-Class Certificate for its fine properties, and as being the best white yet produced. It is a sport from the Queen of England.

Chrysanthemum General Slade (*Smith*):—from Mr. Salter, F.R.H.S., Versailles Nursery, Hammersmith. A remarkably fine large-flowered variety, of full size, with incurved florets of moderate length, closing in to form a convex centre. The colour is Indian red, yellowish at the backs of the florets, which are, moreover, tipped with yellow. It was awarded a First-Class Certificate, as the best variety of its colour, and for its fulness and general good properties.

Chrysanthemum Striped Queen:—from Messrs. Downie Laird & Laing. One of the large-flowered section, shown with flower-heads of medium size, which were full and incurved, but flattish, blush white, the florets pencilled with purple streaks, which are narrow but decided. This was Commended for its novelty of marking. It was stated to be sport No. 2, from a white sport of the Queen, part of the stock at Edinburgh being white, and another part, consisting of a couple of plants growing together in a small pot at Forest Hill, striped, as in the flowers exhibited.

Chrysanthemum Carissima (*Smith*):—from Mr. Salter. A large-flowered variety of good properties, but hardly enough developed. The flower-heads were of average size, with very broad incurved florets, which were of a sulphury white. It was Commended, and was considered to show promise of becoming a first-class flower.

Chrysanthemum Bessie:—from Mr. Ingram, gardener to

Her Majesty, Frogmore. A dwarfish free-flowering pompon, with medium-sized, well-filled flower-heads, formed of smooth, rounded florets; the colour a chesnut-red, mottled with yellow at the centre, and shaded with rose at the circumference, producing a motley bizarre appearance by no means unornamental. It was Commended for its distinct colour.

Besides the foregoing there were:—

Chrysanthemums:—from Mr. Salter: **Sparkler** (*Smith*). An intermediate variety, classing in this respect with Progne and Racine. Its flowers were of a deep rich Indian red, relieved by the somewhat apparent yellowish backs of the incurved florets. Only cut blooms were shown. It was a neat-looking and pretty flower. **Julie Grisi** (*Salter*), a large-flowered sort, of a light or lilac rose, the florets broad, falling back, and forming a large and somewhat loose flower-head; it will, however, be a showy conservatory variety. **Ion** (*Smith*), a medium-sized variety of the large-flowered section, pure white, mostly incurved and of considerable depth, but not quite full. **La Belle Blonde** (*Smith*), large-flowered, white at the centre with a rosy tint at the edge; inferior to Vesta, which it resembles in colour. **Lord of the Isles** (*Clark*), large-flowered, full and high, yellow at the centre, reddish or coppery towards the edge; not equal to Yellow Perfection, which it resembles in colour when that is most stained with red. **Dido** (*Salter*), an intermediate variety, white with sulphury tips, with short slightly incurved florets; this variety is of excellent habit. **Dr. Brock** (*Smith*), large-flowered, dull, pale purplish-red, coarse, the florets being much incurved, and showing principally their yellowish backs. **Her Majesty** (*Smith*), a small variety of the large-flowered section, blush white, moderately high and full, incurved. **Sagitta**, a large pompon, ranunculus-flowered, pale blush. **Acis** (*Salter*), a large pompon, straw colour, yellow at the centre, and slightly red tipped. **Sienna**, a large pompon of a pale coppery-orange, or raw sienna colour with fringed florets. **Turban**, fringe-petalled, a pompon of a bright golden-yellow, tipped at the back with red. **Belle Sauvage** (*Salter*), a pompon, dull deep red, open at the centre; not equal to Brilliant.

C.—REPORTS OF THE FLORAL COMMITTEE.

(*Continued from* p. 693.)

November 12.—*The* Rev. Joshua Dix, F.R.H.S., *in the Chair.*

The subjects exhibited were as follows :—

Woodwardia orientalis :—from Mr. Standish, F.R.H.S., Bagshot. This was a very handsome fern from the north of China and Japan, introduced by Mr. Fortune, and nearly, or quite hardy in this country. The fronds, which become large in the full-grown plants, were nearly triangular in outline with the apex, and also the apices of the pinnæ narrowed to a point; they were coriaceous in texture, pinnate, with pinnatifid pinnæ, and the species is moreover remarkable for producing freely over its upper surface little buds or bulbils, from which young plants are developed. It is a very fine new garden fern, and was awarded a First-Class Certificate.

Lomaria elongata :—from Mr. Standish. This was a young moderately developed sample of another fine bold-habited fern, which requires very slight, if any, protection, if planted in favourable situations. The dark green sterile fronds of this plant grow from one to two feet high, and are ovate-lanceolate in outline, pinnatifid, with broad segments, which, as well as the long narrow linear segments of the taller central fertile fronds, are remarkably decurrent at the base. It is a very desirable species for cultivation. Mr. Standish's plants were imported from New Zealand, of which country it is a native, but the species also occurs on the mountains of India and Java, as well as in some of the islands of the Pacific ocean. It was awarded a First-Class Certificate.

Alsophila glauca :—from Messrs. Veitch & Son, Exeter and Chelsea. This was a young plant of a fine tree fern, sent from Manilla by Mr. J. G. Veitch, and though but little developed, the stems being dwarf and the fronds small, it is no doubt the *Alsophila contaminans* of Wallich, which is synonymous with the *A. glauca* of J. Smith. The bases of the old fronds which formed the caudex were clothed with numerous small white scales; and the stipules were clothed with hairy scales. The fronds were ovate in outline, bipinnate, with the narrow oblong pinnules (an inch long in this stage) cut into short oblong, bluntish, slightly-toothed lobes,

and connected together on the rachis by a narrow leafy wing; they were also slightly glaucous beneath. It is a fine tree fern, new to gardens, and was awarded a FIRST-CLASS CERTIFICATE.

Stenogaster concinnum:—From Messrs. VEITCH & SON. This pretty little stove herbaceous plant forms a tuft of small distinctly-stalked roundish heart-shaped leaves, which are toothed on the margin, and from which rise up numerous peduncles two or three inches high, each bearing a solitary flower. These flowers have a longish curved tube, which is purple on the upper side and white beneath, and a five-lobed limb, of which the three lower segments are larger, white, edged with lilac purple, and also spotted with the same colour at the base, while the two upper ones are wholly purple, darker at the base. The specimen now exhibited, to which a FIRST-CLASS CERTIFICATE was awarded, was stated to have been continuously in bloom for several months. It is remarkable for its neat habit, and for the pleasing character of the small but elegant flowers.

Dendrobium Lowii:—from Messrs. Low & Co., Clapton. This was a plant recently brought from Borneo by Mr. Hugh Low, jun., and but weakly bloomed, but a dried specimen which accompanied the plant showed it to be one of floriferous habit. It was granted a FIRST-CLASS CERTIFICATE, as a distinct and handsome species of a very beautiful genus of epiphytal orchids. The flowers were of moderate size, in pairs, and very distinctly resupinate, somewhat reminding one in the contour presented by their narrow posterior spur, their obliquely slanting sepals and petals, and their erect recurved lip, of some of the forms seen in the flowers of *Tropæolum*. The plant was of the habit of *D. speciosum*, the leaves (on the dried specimens) oblong, and the flowers of a pale buff-yellow, marked on the lip with half a dozen bold crimson lines, on which lines are fringes of long red hairs; the spur was uppermost and posterior, an inch long; the sepals ovate, oblong, apiculate, the petals larger, broad, oblong, and plaited, and the lip 3-lobed, the basal lobes dwarfish, bluntly falcate and incurved, so as to meet the column, the middle lobe stalked, obovate and crispy, recurved upwards so as to meet the eye, and show off the bright coloured fringed longitudinal parallel stripes.

Agave americana *var.* **elegantissima**:—from Mr. W. BULL, F.R.H.S., Chelsea. This was a young plant of a very rare and beautiful variety of American aloe, in which the leaves were finely marked with longitudinal stripes and bands of creamy

white, intermixed with others of grayish-green, the centre of the leaf being of a clear deep green. It was awarded a FIRST-CLASS CERTIFICATE.

Begonia sp., from Santa Martha:—from Mr. J. SALTER, F.R.H.S., Hammersmith. This plant, which was COMMENDED, was remarkable for the size of its leaves, which measured upwards of 24 inches in length and 19 inches across, and were eminently suggestive of the popular name of this genus, "elephant's ear." They were green with a shining surface, and obscurely angular-lobed at the edge. The plant was of herbaceous habit. It was thought that its remarkably bold foliage, unlike anything usually seen in this heterogeneous and extensive family, entitled it to some mark of approbation. The plant was not in flower.

Graptophyllum versicolor:—from Messrs. VEITCH & SON. A new form of caricature plant, which received COMMENDATION. It differs from the old *graptophyllum hortense*, chiefly in having the younger parts of the stems and the leaves tinted with red, which gives a pinkish-creamy colour to the fantastic pallid blotches which form the peculiar markings of the leaves. It had been received from India.

Sonerila margaritacea:—from Messrs VEITCH & SON. Of this beautiful and now familiar stove plant, Messrs. Veitch sent three admirably grown groups, each filling out a good-sized earthenware "basket" or flower stand with their slender spreading branches, all furnished with gaily-marked leaves and neat rose-coloured blossoms. For the excellent cultivation displayed by these specimens, a SPECIAL CERTIFICATE was granted. The plants consisted of three distinct varieties, named:—**splendens**, in which the leaves were light green marked with numerous small pearly-white spots; **superba**, with dark green leaves and fewer but larger spots; and **alba**, of an intermediate green tint, with the spots larger, as in SPLENDENS, but whiter and more abundant. Though considerably different in aspect, they were each remarkably beautiful.

Other plants of this character present on the occasion were:—

Wigandia caracasana:—from Messrs. VEITCH & SON. An old fashioned stove plant, which has latterly been used during summer in the gardens of Paris, where in such seasons as the past it succeeds well, its very large bluntly oblong bicrenated rugose leaves producing a fine effect. It is of course planted for its foliage only, which under the mode of treatment acquires a large size. The flowers, when produced as they are in the hothouse,

grow in compound terminal secund racemes, and are of a light or lilac purple, not unlike those of some of the Eutocas.

Eucharis amazonica:—from E. Rosher, Esq., F.R.H.S., St. John's Wood. This plant, now a well-known stove perennial, was sent in order to draw attention to its great merits as an ornamental plant; it bears one of the most lovely flowers in cultivation. The broad ovate dark green leaves set off to very great advantage the large pure white amaryllidaceous flowers. Mr. Rosher adopts the plan of dividing the roots after blooming and growing on the vigorous young suckers, by which means he succeeds in having plants in bloom during several months of the year in succession, the plants being kept in moderately small pots and confined to single crowns.

"**Anæctochilus, sp.**":—from Messrs. Osborn & Son, Fulham. This plant, probably a *Physarus*, was exhibited at the last meeting, when it was reserved for comparison with the plant called in gardens *A. querceticola*, from which it now proved to be quite distinct. The leaves were lanceolate, dark green, marked with a row of elongated longitudinal silvery spots, each side the midrib, and a second incomplete row of smaller spots outside the first. *A. querceticola* has broader, more ovate, larger leaves, of a paler green, marked with one larger and about three smaller rows of silvery spots, which are oblong and oblique on each side the midrib. Messrs. Osborn's plant was stated to be from Guayaquil.

Solanum pseudo-Capsicum:—from Mrs. Alexander Redgrave, Eagle Lodge, Old Brompton. This exhibition consisted of a group of nine dwarf tree-like well-fruited plants, which were sent by Mrs. Redgrave as samples of the hardy nature of this old fashioned greenhouse species, which when loaded with its bright orange coloured fruits forms a very pretty object for table decoration, as well as for the ornamentation of the greenhouse or conservatory. The plants, which were well furnished with fruit, some of which had acquired the orange colour indicative of ripeness, were accompanied by the following memorandum:—

"The specimens sent have been grown without any bottom heat, and have set their berries this year in the open garden. The seeds were taken from the parent plant in the spring of 1860, and were planted during the summer in pots in a greenhouse, where they were kept, with an occasional fire, during the winter. In May last, they were planted out, in the open garden, without any protection, and in common garden mould; and they remained in this situation until the middle of October, when they were potted, and placed in the greenhouse, which has not yet had a fire. Many of the berries were removed in October to strengthen the plants."

Astelea Banksii:—from Mr. Salter. A greenhouse her-

baceous plant, with long narrow leaves, silvery beneath, and panicled racemes of small green star-shaped flowers.

Galeobdolon luteum, *var.* albo-maculatum:—from Mr. SALTER. A variety in which the ovate leaves are marked with silvery blotches along each side the lamina similar to the markings on *Strebilanthes maculata*, a few years ago since common in hothouses.

Sanseviera cornea, *var.* **fol. variegatis**:—from Mr. SALTER. A hardy herbaceous plant of Japanese origin, with dwarf elongated lance-shaped leaves, striped with white.

Veronica Chamædrys, *var.* **pulcherrima**:—from Mr. SALTER. A neat-looking hardy variegated plant, the leaves prettily marked with creamy white,

Xanthosoma maculata:—from Mr. W. BULL. A large-growing araceous plant, requiring a hothouse. The leaves were green, with purplish stalks covered with a glaucous bloom, and margined with white on the sheathing portions towards their base. It has been already noticed at p. 660; and though individually a fine and bold-looking plant, yet wanting in the richness of colour and marking which distinguish so many allied plants.

The Florists' Flowers shown were all Chrysanthemums, namely:—

Chrysanthemum Duchess of Wellington (*Salter*):—from Mr. SALTER, Hammersmith. This was a large-flowered variety of very fine properties, the flower heads being of full size, evenly, compactly, and completely incurved, and of a rosy-lilac colour, with the backs of florets lighter or silvery. It was awarded a FIRST-CLASS CERTIFICATE.

Chrysanthemum Carissima (*Smith*):—from Mr. SALTER. A flower of first-rate properties, and awarded a FIRST-CLASS CERTIFICATE. It has broad incurved florets of good substance, forming a compact flower-head of medium size, sulphury-white, with a faint lilac tint towards the circumference, and in some cases rather streaked with the same colour on the outer florets. It proved to be much more distinct from Lady H. St. Clair than the blooms exhibited on the 6th instant seemed to indicate.

Chrysanthemum Sparkler (*Smith*):—from Mr. SALTER. This variety was COMMENDED. The flower-heads are rather small, but deep and thickly filled out with stiff incurved florets, the colour of which is a bright deep Indian red, with golden backs

to the florets. It is a very pleasing flower, in the way of Madame Comerson and Auguste Mie.

Chrysanthemum Madame Herne:—from Mr. BULL, Chelsea. This was a large-flowered white pompon, of excellent quality, the flower-heads freely produced, well formed, and of a very fine white. It was COMMENDED.

The following additional varieties were shown:—

Chrysanthemums:—from Mr. SALTER: **Lord Ranelagh** (*Salter*), a large-flowered reddish fawn coloured, or pale copper coloured variety, well incurved, but hardly full enough as shown; the plant is of excellent habit, dwarf and very free. **General Slade** (*Smith*), a very fine light coppery-red, with golden backs and tips, full and compactly incurved, well sustaining the first-class award made to it on the 6th instant. **Sylphide** (*Smith*), a large-flowered variety, having a rich creamy centre, and the margin of the flower-heads rosy, well incurved, but hardly full enough. **Seraph** (*Smith*), large creamy white, not full. **Citronella** (*Smith*), a fine light yellow, intermediate, with broad slightly incurved florets, but too flat. **Lucinda** (*Smith*), a large pompon, the florets rosy-lilac, with white base. **Acis** (*Salter*), a pretty pompon, straw colour with yellow centre and reddish backs, full, and ranunculus formed. **Capella** (*Salter*), a small compact brownish-red pompon. **Medora** (*Salter*), a loose-habited, freely-branched, and loose-flowered large pompon, more or less anemone-flowered, but apparently a good decorative sort, the colour a pleasing rose like a reddish glaucous plum, with the anemone centre buff. **Apollo**, one of the large pompon class, a flower of much depth, with stiff and incurved florets, but not quite full in the centre, the colour a dark coppery plum-tinted red, with golden backs to the florets. **Orange Boven** (*Salter*), an intermediate light coppery red. **Brazen Mirror** (*Pether*), a miniature pompon, of a brassy yellow with red backs.—From Messrs. DICKSON, HOGG & ROBINSON, Mary Street, Dublin: **Lilac Cedo Nulli**, a sport which has originated with Dr. Nelligan, Clonmel House, near Dublin, who states that, "it was raised from a cutting of the White Cedo Nulli which sported a single lilac flower last year. The cutting now shows at least 150 blooms, and is of the close good habit of both the Golden and White Cedo Nulli." The flowers sent were of a deep lilac-rose, and appeared to be about equal in merit to the parent variety, which is now, however, almost superseded by newer kinds.—From Mr. BULL; **Diamant**, a large pompon,

white, faintly tipped and suffused with rose, full and high, but not very even, nevertheless a pretty variety. **La Folie**, a large pompon, straw-coloured, the flower-heads too thin and flat.

CI.—REPORT OF THE FRUIT COMMITTEE.
Nov. 12, 1861.

THE Fruit Committee met this day. J. B. HAIG, ESQ., *in the Chair*.

The following report was read from Mr. BAILEY, Chairman of the Oxfordshire Local Committee:—

OXFORD: OCTOBER 16, 1861.—A meeting was this day held, present—Mr. BAILEY, of Nuneham Park; Mr. REED, of Middleton Park; Mr. MANDER, of Wytham Abbey; Mr. TURNBULL, of Blenheim Park; Mr. Ward, of Headington; and Mr. ROBINSON, of Oxford.

Mr. BAILEY exhibited fine specimens of the following Pears:—**Beurré d'Aremberg, Beurré Diel, Louise Bonne of Jersey, Duchesse d'Angoulême.** The Pears were pronounced good, and true to name; and Mr. Bailey also introduced a basket of Coe's Late Red Plum, which, although inferior to the Impératrice, is a really useful late sort. He had with him Hogg's *Fruit Manual*, and read descriptions of each kind from it, which were thought to be very good. Mr. WARD, gardener to James Morrell, Esq., of Headington, Oxford, produced specimens of Lady Downes' Seedling Grape. On reference to Dr. Hogg's work, it was found to be described as a shouldered grape; but the bunch exhibited formed a small compact bunch; its flavour and keeping qualities are good; but it certainly by no means inclines to form large shoulders.

Mr Ward also introduced a bunch of the **Trebbiano Grape**. It was thought to be better than the Syrian, and is an excellent keeper, producing very large bunches.

Mr. Ward also produced some bunches of **West's St. Peter's Grape**. They were well and thoroughly ripened, although grown in a cold house.

Champion Hamburgh was also shown by him; it seems to be larger than the common Hamburgh, in flavour much the same, but quite distinct from Mill Hill.

Mr. Ward concluded his exhibition by showing a bunch of a grape called **Bailey's Muscadine.** It was a good grape, producing large shoulders, but perfectly distinct from the common Muscadine. It was raised by Mr. J. Bailey, of Shardiloes.

Mr. ROBINSON introduced specimens of the Trout or Forelle Pear, which were very good; also some Coe's Late Red and Coe's Golden Drop Plums, and some of the Pear called **Golden Beurré**, which is sold a good deal in the market at Oxford. **Flemish Beauty**, shown by Mr. MANDER, proved to be the same kind. **Beurré Rance**, also shown by Mr. Mander, proved to be **Beurré Diel.** He also exhibited a scarlet-fleshed Melon, like Gem, which did not prove remarkable for its qualities.

Mr. ROBINSON produced the following kinds of Apples, which he described as having an extensive and general sale in Oxford Market:—**Margil, Wyken Pippin, Ribston Pippin, Kentish Broadend, King of the Pippins, and Fearn's Pippin.**

Mr. REID produced some fine specimens of **Brown Beurré Pear**; also some

King of the Pippins, Margil, Warwickshire Pippin, Beauty of Kent, Alexander Apple, Hawthornden, Hanwell Souring, Ribston Pippin, Winter Queening, Norfolk Beefing, and Blenheim Orange.

All these specimens were well examined, and compared with Dr. Hogg's descriptions, with which they were found perfectly to agree.

(Signed) HENRY BAILEY.

A very interesting collection of Muscat Grapes was sent by Mr. DAVID THOMSON, Archerfield Gardens, near Drem, N. B. They were sent in compliance with a request of the Committee to compare the different varieties with each other, and to enable them to ascertain wherein they differed the one from the other; but more particularly to see how far the Early Muscat exhibited at the last meeting was earlier than all the others which had been grown with it in the same house and under the same conditions. The sorts were **Muscat of Alexandria, Tynningham Muscat, Bowood Muscat,** and the **Early Muscat.** The Early Muscat was very much more advanced in ripeness than either of the others, and had become quite brown and shrivelled, while of the other varieties some were quite plump and full-coloured, and none of them had nearly approached the same state of maturity. The Committee were therefore of opinion that the Early Muscat is a very valuable early Muscat Grape, quite distinct from every other variety, and has all the appearance of being what Mr. THOMSON states—six weeks earlier than the Muscat of Alexandria. Bowood Muscat, as exhibited, is different from either of the others. The bunch is short, broad-shouldered, thickly-set, and compact, and is next in earliness to the Early Muscat. Following it is the Tynningham Muscat, a long, loose, tapering bunch, apparently distinct from the others, and the same as that exhibited by Mr. TILLERY, of Welbeck, at the great Fruit Show on the 6th, as Muscat of Alexandria. The Muscat of Alexandria, of Mr. THOMSON, is also a long tapering bunch, but well set, and not so early as either of the preceding.

Mr. THOMAS SMY, Henbury Hill, near Westbury-on-Trym, sent a bunch of **Black Barbarossa Grape**, which was small; and an excellent bunch of **Muscat Hamburgh**, remarkably well set and well grown, but the strength of the Muscat flavour had gone off, and was not so powerful as it is earlier in the season. Like other Muscats this variety loses its aroma when it hangs long after being ripe.

MR. MELVILLE, of Dalmeny Park, near Edinburgh, again sent his **Champion Hamburgh Muscat.** On this occasion it was but a small bunch, but the berries were large, round, and plump, and

very evenly coloured of a clear dull red. The flesh was firm, rich, juicy, and with the distinct Muscat aroma. This was pronounced a remarkable grape, quite new and perfectly distinct.

Mr. William Masters, of Canterbury, sent a large showy Seedling Apple, beautifully streaked with crimson on a golden-yellow ground. The Committee was of opinion that it did not possess merit sufficient to recommend it as an addition to existing varieties. Mr. Bull, of Chelsea, sent a Seedling Dessert Apple, which also was not considered to be equal to many others already in cultivation,

Edward Godson, Esq., Heckington, near Sleaford, sent a dish of **Knight's Monarch Pears**, which were unripe, and which had begun to shrivel on account of having been gathered too early.

Captain Tyrrell, of Ealing, sent three dishes of Apples, unnamed: one a very showy Apple covered almost entirely with crimson stripes, and which had a close resemblance to Northern Spy. The others could not be identified.

Mr. Dowden again exhibited a dish of **Long Nose** Apple, from Dorsetshire. It is a small conical dessert Apple, attenuated toward the apex, considerably covered with russet over a yellow ground. It was of a fine brisk and sweet flavour, and an excellent dessert Apple; but it is very liable to shrivel.

Mr. William Paul, of the Cheshunt Nurseries, Waltham Cross, sent a collection of Vegetables, among which were roots of the new **Parsnip Chervil** (*Chærophyllum bulbosum*). They were about two inches long and an inch in diameter at the crown, and of the shape of the Dutch Horn Carrot. A collection of ornamental variegated-leaved Kale, some large white Spanish Onions, Vegetable Marrow (**Prince Albert Improved**), and some fine Brussels Sprouts, were among the collection.

Messrs. Downie, Laird, & Laing, of Stanstead Park, and Edinburgh, exhibited extraordinary specimens of **Henry's Prize Leek**, which were blanched ten inches in length, and were of immense size.

CII.—MISSION OF COLLECTOR TO BRAZIL.

The following letter has been received from Mr. WEIR, namely;—

Rio de Janeiro, *Oct.* 7, 1861.

SIR,—Mr. Fry will dispatch by this month's packet a small box containing the few seeds and dried specimens I have collected up till now; neither are numerous, as I have seen but few plants in flower which were at all likely to be fit for cultivation in England, except such things as are already in cultivation there. Perhaps during the four months I have been here, there are fewer plants in flower than in any other four months of the year; but had the making a botanical collection been my object, I could have collected a much greater number of species, the greater part of them however would have been mere weeds. I hope to be able to send a much better lot from St. Paul next season. The box also contains the few plants mentioned in the enclosed list.

The weather during the last month has been very wet—thunderstorms nearly every day, so that I have not been able to do much; from this cause too I have been somewhat later in starting for St. Paul than I intended when I wrote last month. I leave Rio for Santos by the next steamer, which sails to-morrow or next day.

My journal, the temperature of every day when I have been able to observe it, and accounts of the money I have drawn from Messrs. Fry & Co., and the expenses I have incurred up to this date, are enclosed in the box.

I am, Sir, your obedient servant,
JOHN WEIR.

To the SECRETARY OF THE ROYAL HORTICULTURAL SOCIETY.

List of plants and seeds forwarded to the Royal Horticultural Society of London, by R. M. Packet leaving Rio de Janeiro on the 9th of *October*, 1861.

1. A few plants of a Cattleya, No. 62, from forest near Belem. I intended to have sent more of this, but having recently seen the flower I think it is scarcely worth sending. The sepals and petals are of a dirty yellow colour, the lip white, with elevated purple ridges inside. It grows on trees and appears to thrive best on rotten branches.

2. A number of tubers of a small plant (labelled P. 13) from the wood near Belem, and in the Serra. It throws up a slender stem from the tuber which rises a few inches above the ground, bearing a few heart-shaped leaves beautifully marbled with silver grey, dark and pale green on the upper side, purple beneath. I have never seen the flower.

3. A number of plants of No. 40.

4. One plant, No. 56, an orchid with spikes of small lilac flowers (Burlingtonia ?)

5. One plant of No. 58, an orchid with spikes of yellow flowers spotted with brown. From a forest near Belem.

6. A few bulbs of an Amaryllis, No. 48; the flowers are orange, the sepals yellow at the base on the inside. From a hill near Belem.

7. A few bulbs of an Amaryllis (labelled P. 15); flowers not seen, spotted with white ivory-like midrib. From the Serra do Mar.

8. A few bulbs of an Amaryllis (labelled P. 16); flowers not seen, but said to be white with a red stripe down the centres of the sepals.

SEEDS.

9. Seeds of No. 19.
10. ,, ,, 25.
11. ,, ,, 27.
12. ,, ,, 28.
13. ,, ,, 32.
14. ,, ,, 36. } These I have not seen in flower, but suppose them to
15. ,, ,, 37. } be Malpighaceous plants, most of which are showy
16. ,, ,, 38. } climbers.
17. ,, ,, 53.
18. ,, ,, 59.
19. ,, of a Convolvulus from Belem, plants dried up.
20. ,, of another species of Convolvulus or Echites, from dried up plants at Belem.

The box has arrived with its contents in good order.

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